

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Agency Interest No. 19933
Activity No.: PER20060007

Mr. Robert Strenge
Boise Packaging and Newsprint, LLC
Post Office Box 1060
DeRidder, Louisiana 70634

RE: Part 70 operating permit modification, DeRidder Mill, Boise, DeRidder, Beauregard Parish, Louisiana

Dear Mr. Strenge:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 14th of November, 2008, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and Agency Interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 0320-00002-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN/DCN
cc: EPA Region 6

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

DERIDDER MILL
AGENCY INTEREST NO. 19933
BOISE PACKAGING AND NEWSPRINT, LLC
DERIDDER, BEAUREGARD PARISH, LOUISIANA

I. Background

Boise Packaging and Newsprint, LLC owns and operates a pulp and paper mill near DeRidder, Beauregard Parish, Louisiana, under Permits PSD-LA-77(M-2), PSD-LA-687, and PSD-LA-695, and 0320-00002-V0.

II. Origin

A permit application and Emission Inventory Questionnaire dated November 20, 2006, as well as additional information dated April 25, 2007 were submitted requesting a Part 70 operating permit modification.

III. Description

The DeRidder Mill converts raw wood to unbleached wood pulp which is then used as raw material to produce unbleached linerboard and communication-grade paper. Based on the process sequences, the mill is divided into sections, such as, the woodyard, pulp mill, powerhouse, causticizing, groundwood, thermo-mechanical, bleach plant, and paper machines.

At the pulp mill, wood chips are cooked in eight batch digesters to produce either linerboard pulp or semi bleach kraft (SBK) pulp which are sent to the paper machines area for linerboard or communication-grade paper production. Boise also has a thermo-mechanical pulp (TMP) mill and a groundwood production mill. Most of the pulp from the TMP mill and groundwood production mill along with the SBK pulp are used for the communication-grade paper production.

Black liquor recovered from the kraft pulp mill is concentrated and then fired in the recovery boiler of the power house. Green liquor from the smelt tank is causticized to produce white liquor. Lime mud from the causticizers is sent to the lime kiln for chemical recovery.

The recovery furnace, along with the bark-fired boilers No. 1 and No. 2 and the natural gas fired Package Boilers No. 3 and No. 4 provides steam for the mill operations. Excess steam is used for electric generation.

Permit 0320-00002-V0, dated November 14, 2003, authorized Boise Packaging and Newsprint, LLC to increase the Bark Boiler No. 2 firing rate to support the steam stripper operations as required by NESHAP Subpart S. The boiler was modified but the firing rate has never been reached the design rate. Boise requested a Part 70 operating permit modification to continue the boiler modification to bring the boiler firing rate to the design capacity and update emissions limits based on the actual data. Permitted emissions from the mill in tons per year are as follows:

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Pollutant	Before	After	Change
PM ₁₀	2457.3	2264.42	- 193.88
SO ₂	678.2	711.63	+ 33.43
NO _X	2387.7	2601.83	+ 214.13
CO	3023.0	3220.71	+ 197.71
VOC	904.9	892.71	- 12.19
TOXIC AIR POLLUTANTS			
1,1,1 Trichloroethane	0.11	0.10	- 0.01
1,1,2 Trichloroethane	0.14	0.14	-
1,2,4-Trichlorobenzene	2.28	2.30	+ 0.02
2,2,4-Trimethylpentane	-	0.09	-
Acetaldehyde	36.09	35.63	- 0.46
Acrolein	1.47	1.468	- 0.002
Ammonia	55.22	82.45	+ 27.23
Antimony	0.05	0.047	- 0.003
Arsenic	0.17	0.158	- 0.012
Barium	5.82	5.535	- 0.285
Benzene	1.07	1.03	- 0.04
Beryllium	0.09	0.080	- 0.010
Cadmium	0.03	0.019	- 0.011
Carbon Disulfide	0.19	0.20	+ 0.01
Carbon Tetrachloride	0.03	0.01	- 0.02
Chlorine	-	6.30	-
Chlorine Dioxide	0.28	8.760	+ 8.480
Chloroform	0.12	0.15	+ 0.03
Chromium VI	0.21	0.276	+ 0.066
Cobalt	0.73	0.74	+ 0.01
Copper	0.43	0.353	- 0.077
Cresol	4.08	4.06	- 0.02
Cumene	0.29	0.26	- 0.03
Dichloromethane	0.88	0.83	- 0.05
Formaldehyde	6.29	6.08	- 0.21
Hydrochloric Acid	24.64	432.16	+ 407.52

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Pollutant	Before	After	Change
Hydrogen Sulfide	-	26.57	-
Lead Compounds	-	0.67	-
Manganese	9.73	2.96	- 6.77
Mercury	0.05	0.069	+ 0.02
Methanol	450.34	392.41	- 57.93
Methyl Chloride	0.21	0.25	+ 0.04
Methyl Ethyl Ketone	5.60	5.53	- 0.07
Methyl Isobutyl Ketone	1.63	1.63	-
Naphthalene	1.87	1.87	-
Nickel	0.63	0.544	- 0.086
Phenol	0.44	0.51	+ 0.07
Phosphorous	0.80	0.77	- 0.03
Selenium	0.13	0.120	- 0.01
Styrene	1.78	1.71	- 0.07
Sulfuric Acid	16.62	16.60	- 0.02
Tetrachloroethylene	0.49	0.48	- 0.01
Toluene	0.68	0.69	- 0.01
TRS	104.9	154.09	+ 49.19
Trichloroethylene	0.14	0.32	+ 0.18
Xylenes	1.65	1.62	- 0.03
Zinc	6.20	5.945	- 0.255
n-Hexane	7.74	7.18	- 0.56

IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, NESHAP, NSPS, and PSD. The facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

Emissions of PM₁₀, SO₂, and NO_X and CO from the project increase more than the PSD permit limits. A revision to the PSD-LA-77(M2) is required. These emissions increases do not exceed their respective significance levels; therefore, BACT is not required. However, NO_X and CO emissions increases are more than 50 % of their respective significance levels, then there is a reasonable possibility that the project may result in a significant emissions increase. Pre-project and post-project monitoring, record keeping, and reporting are required. Equipment at the mill is also subject to Permits PSD-LA-687 and PSD-LA-695.

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V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, and in the XXX, XXX, on XXX, 2008, and was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List. The permit application, the proposed permit, and the Statement of Basis were submitted to the Beauregard Parish Library. The proposed permit and the Statement of Basis were submitted to US EPA Region 6. All comments will be considered prior to a permit decision.

VII. Effects on Ambient Air

Dispersion Model Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration ($\mu\text{g}/\text{m}^3$)	Louisiana Ambient Air Standard (NAAQS) ($\mu\text{g}/\text{m}^3$)
PM ₁₀	24-hour	147.6	(150)
	Annual	14.2	(50)
SO ₂	3-hour	336.1	(1300)
	24-hour	120.8	(365)
	Annual	19.0	(80)
NO _x	Annual	19.2	(100)
CO	1-hour	2150	(40,000)
	8-hour	1400	(10,000)

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VIII. General Condition XVII Activities

ID	Description	Emissions (tons/yr)		
		VOC	PM ₁₀	Others
	Pump Maintenance	<0.01		
	Rupture Disk Maintenance	<0.01		
	Pressure/Vacuum Vent Maintenance	<0.01		
	Inspection on Control Devices	0.05		
	Removal of Tank Sludge	0.01		
	Tank Gauging	<0.01		
	Vessel Preparation	0.02		

IX. Insignificant Activities (LAC 33:III.501.B.5)

ID No.:	Description	Capacity (gallons)	Citation
69-14	Diesel Tank	8397	A.3
69-15	Diesel Tank - Portable	500	A.3
BC1	BE & K Diesel Tank	991	A.3
BC2	BE & K Diesel Tank	991	A.3
BC3	Watco Diesel Tank	5264	A.3
BC4	H. B. Zachary Diesel Tank	2003	A.3

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.					LAC 33:III Chapter									
		509	2103	2111	2115	5▲	9	11	13	15	23	29	51*	52	56	59
ARE007	96-15 - Woodyard Area												3			
ARE009	96-21 - Black Liquor Storage Pond															3
EQT001	69-03 - Bark Boiler No. 1			1						1	1	1	1	1	1	1
EQT004	69-01 - Recovery Boiler									1	1	1	1	1	1	1
EQT005	79-01 - Bark Boiler No. 2			1						1	1	1	1	1	1	1
EQT006	86-01 - Package Boiler No. 3			1						1	1					
EQT007	86-02 - Package Boiler No. 4			1						1	1					
EQT008	69-04 - Lime Kiln						1			1	1	1	1	1	1	1
EQT009	69-17 - Fuel Oil Tank No. 1						3									
EQT010	69-18 - Fuel Oil Day Tank						3									
EQT011	74-01 - Fuel Oil Tank No. 2						3									
EQT013	77-01 - Fuel Oil Tank No. 3						3									
EQT014	87-02 - New Recovery Dissolving Tank									1	1	1	1	1	1	1
EQT015	90-01 - Continuous Crude Tall Oil Reactor															3
EQT016	95-01 - TMP Deckers															3
EQT017	95-02 - TMP Refiners															3
EQT018	95-03 - Paper Machine No. 1															3
EQT019	95-04 - Paper Machine No. 2															3
EQT020	95-05 - Paper Machine No. 3															3
EQT021	96-02A - Lime Slaker															3

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.										LAC 33:III Chapter					
		509	2103	2111	2115	5▲	9	11	13	15	23	29	51*	52	56	59	
EQT023	96-08A - Fifty Percent Tank No. 1																
EQT024	96-08B - Fifty Percent Tank No. 2																3
EQT025	96-08C - Severity Percent Tank																3
EQT026	96-09A - Weak Black Liquor Tank No. 1																3
EQT027	96-09B - Weak Black Liquor Tank No. 2																3
EQT028	96-10A - Green Liquor Clarifier/Surge Tank																3
EQT029	96-10B - White Liquor Clarifier																3
EQT030	96-10C - Lime Mud Precoat Filter																3
EQT031	96-11 - Groundwood Mill Deckers																3
EQT032	96-12 - Salt Cake Mix Tank																3
EQT033	96-13A - High Density Storage Tank No. 1																3
EQT034	96-13B - High Density Storage Tank No. 2																3
EQT035	96-13C - High Density Storage Tank No. 3																3
EQT036	96-13D - High Density Storage Tank No. 4																3
EQT037	96-13E - High Density Storage Tank No. 5																3
EQT038	96-13F - High Density Storage Tank No. 6																3
EQT039	96-13G - High Density Storage Tank No. 7																3
EQT040	96-13H - High Density Storage Tank No. 8																3
EQT041	96-14 - Groundwood Mill Refiners																3
EQT042	96-22 - Reburned Lime Bin																3
EQT043	96-23 - Makeup Lime Bin																3

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.										LAC 33:III:Chapter						
		509	2103	2111	2115	5▲	9	11	13	15	23	29	51*	52	56	59		
EQT046	96-18 - Diesel Tank, SW Construction					3												
EQT047	96-19 - Gasoline Tank, SW Construction					1												
EQT049	99-01 - Bleach Plant Scrubber												1					
EQT050	99-04 - Methanol Storage Tank					1												
EQT054	96-01 - Linerboard Brownstock Washers System												1					
EQT055	96-04 - SBK Washers System												1					
EQT056	96-06 - Batch Digesters														3			
EQT057	96-07 - SBK Deckers														3			
EQT058	99-05 - Cooling Tower												3					
EQT059	02-01 - Turpentine Storage Tank																	
EQT060	01-02 - Diesel Tank - Trucking Facility					3												
EQT061	02-02 - Diesel Tank												3					
EQT062	02-03 - Diesel Tank												3					
EQT063	02-04 - Gasoline Tank												1					
EQT069	LVHC Vents														1		1	
EQT070	HVLC Vents														1		1	
EQT071	PC - Pulping Condensate																	1
EQT072	69-05 - West Digester Blow Tank																	
EQT073	69-06 - East Digester Blow Tank																	
EQT074	81-01 - Blow Heat Noncondensible Vent																	
EQT075	81-03 - Blow Heat Accumulator Vent																	

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X. Applicable Louisiana and Federal Air Quality Requirements

KEY TO MATRICES

- REGULATIONS**

 - 1 - The regulations have applicable requirements which apply to this particular emission source.
 - 2 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
 - 3 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
 - 4 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.
Blank – The regulations clearly do not apply to this type of emission source.

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the “Specific Requirements” report specifically states that the regulation is State Only.

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR					
		A	D	Db	K	Kb	A	F	M	A	F	S	M	DDDDD	64	68
ARE007	96-15 - Woodyard Area															
ARE009	96-21 - Black Liquor Storage Pond															
EQT001	69-03 - Bark Boiler No. 1					3										
EQT004	69-01 - Recovery Boiler					3										1
EQT005	79-01 - Bark Boiler No. 2					1									1	1
EQT006	86-01 - Package Boiler No. 3					1									1	1
EQT007	86-02 - Package Boiler No. 4					1									1	1
EQT008	69-04 - Lime Kiln														1	1
EQT009	69-17 - Fuel Oil Tank No. 1														3	3
EQT010	69-18 - Fuel Oil Day Tank														3	3
EQT011	74-01 - Fuel Oil Tank No. 2														3	3
EQT013	77-01 - Fuel Oil Tank No. 3														3	3
EQT014	87-02 - New Recovery Dissolving Tank														1	1
EQT015	90-01 - Continuous Crude Tall Oil Reactor															
EQT016	95-01 - TMP Deckers															
EQT017	95-02 - TMP Refiners															
EQT018	95-03 - Paper Machine No. 1															
EQT019	95-04 - Paper Machine No. 2															
EQT020	95-05 - Paper Machine No. 3															
EQT021	96-02A - Lime Slaker															

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60						40 CFR 61						40 CFR 63						40 CFR						
		A	D	Db	K	Kb	A	F	M	A	F	S	M	MM	DDDDD	64	68	72								
EQT022	96-02B - Causticizers																									
EQT023	96-08A - Fifty Percent Tank No. 1																									
EQT024	96-08B - Fifty Percent Tank No. 2																									
EQT025	96-08C - Seventy Percent Tank																									
EQT026	96-09A - Weak Black Liquor Tank No. 1																									
EQT027	96-09B - Weak Black Liquor Tank No. 2																									
EQT028	96-10A - Green Liquor Clarifier/Surge Tank																									
EQT029	96-10B - White Liquor Clarifier																									
EQT030	96-10C - Lime Mud Precoat Filter																									
EQT031	96-11 - Groundwood Mill Deckers																									
EQT032	96-12 - Salt Cake Mix Tank																									
EQT033	96-13A - High Density Storage Tank No. 1																									
EQT034	96-13B - High Density Storage Tank No. 2																									
EQT035	96-13C - High Density Storage Tank No. 3																									
EQT036	96-13D - High Density Storage Tank No. 4																									
EQT037	96-13E - High Density Storage Tank No. 5																									
EQT038	96-13F - High Density Storage Tank No. 6																									
EQT039	96-13G - High Density Storage Tank No. 7																									
EQT040	96-13H - High Density Storage Tank No. 8																									
EQT041	96-14 - Groundwood Mill Refiners																									

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X. Applicable Louisiana and Federal Air Quality Requirements

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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60			40 CFR 61			40 CFR 63			40 CFR 68			40 CFR 72		
		A	D	Db	K	Kb	A	F	M	A	F	S	MM	DDDDD	64	68
EQT073	69-06 - East Digester Blow Tank															
EQT074	81-01 - Blow Heat Noncondensible Vent															
EQT075	81-03 - Blow Heat Accumulator Vent															
EQT076	69-11 - Multi-Effect Evaporator Hot Vent															
EQT077	69-10 - Turpentine Condenser															
EQT078	79-12 - Bleachable Washers First Filtrate Tank															
EQT079	79-13 - Bleachable Washers Second Filtrate Tank															
EQT080	79-14 - Bleachable Washers Third Filtrate Tank															
EQT081	99-02 - 10% Sulfuric Acid Day Tank															
EQT082	99-03 - 93% Sulfuric Acid Storage Tank															
FUG001	96-05 - Wastewater Fugitives												1			
UNF001	AI19933 - DeRidder Mill														1	

KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.
 Blank - The regulations clearly do not apply to this type of emission source.

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
ARE007, EQT042, EQT043 EQT058	LAC 33:III.Chapter 13	Does not apply	LAC 33:III.1301.B	Pulp and Paper Mill Activities
ARE009, EQT015 - EQT041 EQT056, EQT057 EQT001, EQT004	LAC 33:III.5109 MACT Requirements LAC 33:III.1503. Emission Standards for Sulfur Dioxide LAC 33:III.1511 CEM for SO ₂ 40 CFR 60 Subpart D for boilers	Does not apply Exempt Exempt	LAC 33:III.5105.B.8 LAC 33:III.1503.C LAC 33:III.1511.A	MACT is not required until a final MACT is determined SO ₂ emissions < 250 tons/year
EQT006, EQT007, EQT008	LAC 33:III.1503. Emission Standards for Sulfur Dioxide LAC 33:III.1511 CEM for SO ₂	Exempt	LAC 33:III.1503.C LAC 33:III.1511.A	No modification after August 17, 1971 SO ₂ emissions < 250 tons/year
EQT009, EQT010, EQT011 EQT060, EQT061, EQT062	LAC 33:III.2103 for VOC storage NSPS Subpart K for tanks LAC 33:III.2103 for VOC storage NSPS Subpart Kb for tanks	Does not apply Does not apply Does not apply Does not apply	LAC 33:III.2103.A 40 CFR 63.110(a) LAC 33:III.2103.A 40 CFR 63.110(b)(a)	Vapor Pressure < 1.5 psia Does not store petroleum liquids Vapor Pressure < 1.5 psia Volume < 20,000 gallons or vapor pressure < 0.51 psia
GRP010	LAC 33:III.2115 Waste Gas Disposal LAC 33:III.2901 Odor Regulation	Exempt Exempt	LAC 33:III.2115.H.1.d LAC 33:III.2901.E.7 33:III.2301.D.3	VOC concentration < 30,000 ppmv The mill complies with LAC 33:III.2301.D.3

The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section X of this permit

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];

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3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit. [Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of

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Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

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- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
[Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term.
[Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

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2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated December 4, 2006 as well as additional information dated April 25, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September
 4. Report by March 31 to cover October through December

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 19933 Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

Also Known As:	ID	Name	User Group	Start Date
	0320-00002	Boise Packaging & Newsprint LLC - DeRidder Paper Mill	CDS Number	08-05-2002
	0320-00002	Boise Packaging & Newsprint LLC	Emission Inventory	02-25-2004
LAD045756996		Boise Packaging & Newsprint LLC	Hazardous Waste Notification	12-07-1999
00143		Boise Southern Co	Inactive & Abandoned Sites	11-01-1979
LAD045756996		Boise Cascade Corp - Deridder Paper Mill	Inactive & Abandoned Sites	11-01-1979
LA0007927		WPC File Number	LPDES Permit #	06-25-2003
WP3561		WPC State Permit Number	LWIDPS Permit #	06-25-2003
		Boise Packaging & Newsprint LLC - DeRidder Paper Mill	Multimedia	10-29-2004
		Priority 1 Emergency Site	Priority 1 Emergency Site	07-19-2006
		Radioactive Material License	Radiation License Number	08-28-1998
LA-2873-L01		Boise Cascade Corp - Deridder Paper Mill	Solid Waste	01-08-2002
6981		Site ID #	Solid Waste Facility No.	04-30-2001
GTD-011-0518		Boise Cascade Corp - Deridder Paper Mill	TEMPO Merge	05-22-2001
16145		Boise Cascade Corp - Deridder Paper Mill	TEMPO Merge	05-27-2001
2163		Boise Cascade Corp - Deridder Paper Mill	TEMPO Merge	05-22-2001
38839		Boise Cascade Corp - Deridder Paper Mill	TEMPO Merge	05-22-2001
40829		Boise Cascade Corp	Toxic Emissions Data Inventory #	01-01-1991
0320-0002		Toxic Emissions Data Inventory #	Toxic Release Inventory	07-09-2004
70634BSSTHUSHIG		TRI	UST FID #	05-27-1993
06000806		UST Facility ID #		
			Main FAX:	20833311992
			Main Phone:	3374624431
Physical Location:		4200 Hwy 190 De Ridder, LA 70634		
Mailing Address:		PO Box 1060 De Ridder, LA 706341060		
Location of Front Gate:		30° 51' 35" 22 hundredths latitude, 93° 22' 33" 12 hundredths longitude, Coordinate Method: GPS Code (Pseudo Range) Differential, Coordinate Datum: NAD83		
Related People:		Name	Mailing Address	Phone (Type)
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	3374624431 (WP)
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	BLAINEBUTAUD@E
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	3374624431 (WP)
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	BLAINEBUTAUD@E
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	BLAINEBUTAUD@E
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	3374624431 (WP)
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	BLAINEBUTAUD@E
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	TEDI Contact for
		Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	TEDI Contact for

General Information

AI ID: 19933 Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Blaine Butaud	PO Box 1060 De Ridder, LA 706341060	3374624431 (WP)	Solid Waste Billing Party for
	Cord Cooper	PO Box 1060 De Ridder, LA 706341060	3374624164 (WP)	Radiation Safety Officer for
	Cord Cooper	PO Box 1060 De Ridder, LA 706341060	3374621686 (CP)	Radiation Safety Officer for
	Cord Cooper	PO Box 1060 De Ridder, LA 706341060	18773956681 (DP)	Radiation Safety Officer for
	Cord Cooper	PO Box 1060 De Ridder, LA 706341060	CordCooper@Boisel	Radiation Safety Officer for
	Cord Cooper	PO Box 1060 De Ridder, LA 706341060	3374624157 (WF)	Radiation Safety Officer for
	Todd Harter	PO Box 1060 De Ridder, LA 706341060	3374624300 (WP)	Haz. Waste Billing Party for
	Jon McCrary	PO Box 1060 De Ridder, LA 706341060	3374629020 (WP)	Responsible Official for
	Jon McCrary	PO Box 1060 De Ridder, LA 706341060	3374629020 (WP)	Accident Prevention Contact for
	Jon McCrary	PO Box 1060 De Ridder, LA 706341060	3374624330 (WF)	Accident Prevention Billing Party for
	Jon McCrary	PO Box 1060 De Ridder, LA 706341060	3374629020 (WP)	Accident Prevention Billing Party for
	Jon McCrary	PO Box 1060 De Ridder, LA 706341060	3374624330 (WF)	Accident Prevention Contact for
	Jon McCrary	PO Box 1060 De Ridder, LA 706341060	3374624330 (WF)	Responsible Official for
	Ken O'Hara	PO Box 1060 De Ridder, LA 706341060	3374624399 or 4378	Hazardous Waste Permit Contact For
	Ken O'Hara	PO Box 1060 De Ridder, LA 706341060	3374624399 or 4378	Water Billing Party for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Boise Cascade Corp	PO Box 8187 Boise, ID 837078187	Owns	
	Boise Packaging & Newsprint LLC	PO Box 1060 De Ridder, LA 706341060	Operates	
	Boise Packaging & Newsprint LLC	PO Box 1060 De Ridder, LA 706341060	Air Billing Party for	
	Boise Packaging & Newsprint LLC	PO Box 1060 De Ridder, LA 706341060	Radiation License Billing Party for	

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
 Activity Number: PER20060007
 Permit Number: 0320-00002-V1
 Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
AREE007	96-15 - Woodyard Area					8760 hr/yr (All Year)
AREE009	96-21 - Black Liquor Storage Pond	20.6 million gallons				8760 hr/yr (All Year)
EQT0001	69-03 - Bark Boiler No. 1		1591.3 MM BTU/hr	998.55 MM BTU/hr		8760 hr/yr (All Year)
EQT0004	69-01 - Recovery Boiler		415 MM BTU/hr	20 MM BTU/hr		8760 hr/yr (All Year)
EQT0005	79-01 - Bark Boiler No. 2		473.91 MM BTU/hr	390.19 MM BTU/hr		8760 hr/yr (All Year)
EQT0006	86-01 - Package Boiler No. 3		228 MM BTU/hr	228 MM BTU/hr		8760 hr/yr (All Year)
EQT0007	86-02 - Package Boiler No. 4		228 MM BTU/hr	228 MM BTU/hr		8760 hr/yr (All Year)
EQT0008	69-04 - Lime Kiln		272.85 MM BTU/hr	181.9 MM BTU/hr		8760 hr/yr (All Year)
EQT0009	69-17 - Fuel Oil Tank No. 1	750000 gallons				8760 hr/yr (All Year)
EQT0010	69-18 - Fuel Oil Day Tank	20000 gallons				8760 hr/yr (All Year)
EQT0011	74-01 - Fuel Oil Tank No. 2	750000 gallons				8760 hr/yr (All Year)
EQT0013	77-01 - Fuel Oil Tank No. 3	2.3 million gallons				8760 hr/yr (All Year)
EQT0014	87-02 - Smelt Tank	36972 gallons				8760 hr/yr (All Year)
EQT0015	90-01 - Continuous CTO Reactor		4.34 tons/hr	3.91 tons/hr		8760 hr/yr (All Year)
EQT0016	95-01 - TMP Deckers		614 tons/day			8760 hr/yr (All Year)
EQT0017	95-02 - TMP Refiners		614 tons/day			8760 hr/yr (All Year)
EQT0018	95-03 - Paper Machine No. 1		89.34 tons/hr	67.92 tons/hr		8760 hr/yr (All Year)
EQT0019	95-04 - Paper Machine No. 2		33.09 tons/hr	25.34 tons/hr		8760 hr/yr (All Year)
EQT0020	95-05 - Paper Machine No. 3		37.56 tons/hr	29.3 tons/hr		8760 hr/yr (All Year)
EQT0021	96-02A - Lime Slaker		2545 ft^3			8760 hr/yr (All Year)
EQT0022	96-02B - Causticizers	23800 gallons				8760 hr/yr (All Year)
EQT0023	96-08A - 50% Tank No. 1	550000 gallons				8760 hr/yr (All Year)
EQT0024	96-08B - 50% Tank No. 2	550000 gallons				8760 hr/yr (All Year)
EQT0025	96-08C - 70% Tank	298000 gallons				8760 hr/yr (All Year)
EQT0026	96-09A - Weak Black Liquor Tank No. 1	1.75 million gallons				8760 hr/yr (All Year)
EQT0027	96-09B - Weak Black Liquor Tank No. 2	1.75 million gallons				8760 hr/yr (All Year)
EQT0028	96-10A - Green Liquor Clarifier/Surge Tank	664000 gallons				8760 hr/yr (All Year)
EQT0029	96-10B - White Liquor Clarifier	414000 gallons				8760 hr/yr (All Year)
EQT0030	96-10C - Lime Mud Precoat Filter	1584 ft^3				8760 hr/yr (All Year)
EQT0031	96-11 - Groundwood Mill Deckers	47900 gallons				8760 hr/yr (All Year)
EQT0032	96-12 - Salt Cake Mix Tank	3966 gallons				8760 hr/yr (All Year)
EQT0033	96-13A - High Density Storage Tank No. 1					8760 hr/yr (All Year)
EQT0034	96-13B - High Density Storage Tank No. 2					8760 hr/yr (All Year)
EQT0035	96-13C - High Density Storage Tank No. 3					8760 hr/yr (All Year)
EQT0036	96-13D - High Density Storage Tank No. 4					8760 hr/yr (All Year)
EQT0037	96-13E - High Density Storage Tank No. 5					8760 hr/yr (All Year)
EQT0038	96-13F - High Density Storage Tank No. 6					8760 hr/yr (All Year)
EQT0039	96-13G - High Density Storage Tank No. 7					8760 hr/yr (All Year)

INVENTORIES

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
 Activity Number: PER20060007
 Permit Number: 0320-00002-V1
 Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
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DeRidder Mill						
EQT0040	96-13H - High Density Storage Tank No. 8					8760 hr/yr (All Year)
EQT0041	96-14 - Groundwood Mill Refiners					8760 hr/yr (All Year)
EQT0042	96-22 - Reburned Lime Bin					8760 hr/yr (All Year)
EQT0043	96-23 - Makeup Lime Bin					8760 hr/yr (All Year)
EQT0046	96-18 - Diesel Tank, SW Construction	12033 gallons				8760 hr/yr (All Year)
EQT0047	96-19 - Gasoline Tank, SW Construction	12033 gallons				8760 hr/yr (All Year)
EQT0049	99-01 - Bleach Plant Scrubber		16000 ft^3/min	16000 ft^3/min		8760 hr/yr (All Year)
EQT0050	99-04 - Methanol Storage Tank	9518 gallons				8760 hr/yr (All Year)
EQT0054	96-01 - Linerboard Brownstock Washers System	270000 ft^3				8760 hr/yr (All Year)
EQT0055	96-04 - SBK Washer's System	2850 gallons				8760 hr/yr (All Year)
EQT0056	96-06 - Batch Digesters		213.75 tons/hr	142.5 tons/hr		8760 hr/yr (All Year)
EQT0057	96-07 - SBK Deckers	2000 gallons				8760 hr/yr (All Year)
EQT0058	99-05 - Cooling Tower		12000 gallons			8760 hr/yr (All Year)
EQT0059	02-01 - Turpentine Storage Tank					8760 hr/yr (All Year)
EQT0060	01-02 - Diesel Tank - Trucking Facility					8760 hr/yr (All Year)
EQT0061	02-02 - Diesel Tank	11300 gallons			1.2 MM gallons/yr	8760 hr/yr (All Year)
EQT0062	02-03 - Diesel Tank	11300 gallons			100000 gallons/yr	8760 hr/yr (All Year)
EQT0063	02-04 - Gasoline Tank	11300 gallons			100000 gallons/yr	8760 hr/yr (All Year)
EQT0069	LVHC - LVHC Vents				90000 gallons/yr	8760 hr/yr (All Year)
EQT0070	HVLC - HVLC Vents					8760 hr/yr (All Year)
EQT0071	PC - Piping Condensate					8760 hr/yr (All Year)
EQT0072	69-05 - West Digester Blow Tank					8760 hr/yr (All Year)
EQT0073	69-06 - East Digester Blow Tank					8760 hr/yr (All Year)
EQT0074	81-01 - Blow Heat Noncondensible Vent					8760 hr/yr (All Year)
EQT0075	81-03 - Blow Heat Accumulator Vent					8760 hr/yr (All Year)
EQT0076	69-11 - Multi-Effect Evaporator Hot Vent					8760 hr/yr (All Year)
EQT0077	69-10 - Turpentine Condenser					8760 hr/yr (All Year)
EQT0078	79-12 - Bleachable Washers First Filtrate Tank					8760 hr/yr (All Year)
EQT0079	79-13 - Bleachable Washers Second Filtrate Tank					8760 hr/yr (All Year)
EQT0080	79-14 - Bleachable Washers Third Filtrate Tank					8760 hr/yr (All Year)
EQT0081	99-02 - 10% Sulfuric Acid Day Tank	1692 gallons				8760 hr/yr (All Year)
EQT0082	99-03 - 93% Sulfuric Acid Storage Tank	10575 gallons				8760 hr/yr (All Year)
FUG0001	96-05 - Wastewater Frigities					8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
DeRidder Mill							
EQT0001	69-03 - Bark Boiler No. 1	33	349890	15		194.88	150.5
EQT0004	69-01 - Recovery Boiler	67.9	499960	12.5		200.13	404.3

INVENTORIES

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
 Activity Number: PER2006007
 Permit Number: 0320-00002-V1
 Air - Title V Regular Permit Major Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min/actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
DeRidder Mill							
EQT0005	79-01 - Bark Boiler No. 2	50.4	214400	9.5		178.15	151.45
EQT0006	86-01 - Package Boiler No. 3	26.7	100786	9		102	360
EQT0007	86-02 - Package Boiler No. 4	26.7	100786	9		102	360
EQT0008	69-04 - Lime Kiln	18.6	37030	6.5		75.13	164.9
EQT0009	69-17 - Fuel Oil Tank No. 1			.5		59	77
EQT0010	69-18 - Fuel Oil Day Tank			.5		22	77
EQT0011	74-01 - Fuel Oil Tank No. 2			.5		49	77
EQT0013	77-01 - Fuel Oil Tank No. 3			.5		30	77
EQT0014	87-02 - Smelt Tank	30.1	51060	6		201.11	199.1
EQT0015	90-01 - Continuous CTO Reactor	7.1	335	1		26.9	159.5
EQT0016	95-01 - TMP Deckers	6	1770	2.5		55.02	120
EQT0017	95-02 - TMP Refiners	12.5	1700	1.7		46.01	206
EQT0018	95-03 - Paper Machine No. 1	6.8	388	1.1		41.01	390
EQT0019	95-04 - Paper Machine No. 2	8	3390	3		45.01	200
EQT0020	95-05 - Paper Machine No. 3	8	3393	3		45	200
EQT0021	96-02A - Lime Slaker	3	322	1.51		30	200
EQT0022	96-02B - Causticizers					20	180
EQT0023	96-08A - 50% Tank No. 1					40.03	200
EQT0024	96-08B - 50% Tank No. 2					40.03	200
EQT0025	96-08C - 70% Tank					45.02	220
EQT0026	96-09A - Weak Black Liquor Tank No. 1					40.03	77
EQT0027	96-09B - Weak Black Liquor Tank No. 2					40.03	77
EQT0028	96-10A - Green Liquor Clarifier/Surge Tank					35	180
EQT0029	96-10B - White Liquor Clarifier						
EQT0030	96-10C - Lime Mud Precoat Filter	3	1261	3		45	85
EQT0031	96-11 - Groundwood Mill Deckers	13	2450	2		55.02	120
EQT0032	96-12 - Salt Cake Mix Tank			.67			12.5
EQT0033	96-13A - High Density Storage Tank No. 1					60.01	77
EQT0034	96-13B - High Density Storage Tank No. 2					60.01	77
EQT0035	96-13C - High Density Storage Tank No. 3					60.01	77
EQT0036	96-13D - High Density Storage Tank No. 4					60.01	77
EQT0037	96-13E - High Density Storage Tank No. 5					60.01	77
EQT0038	96-13F - High Density Storage Tank No. 6					60.01	77
EQT0039	96-13G - High Density Storage Tank No. 7					60.01	77

INVENTORIES

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
 Activity Number: PER20060007
 Permit Number: 0320-00002-V1
 Air - Title V Regular Permit Major Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
DeRidder Mill							
EQT0040	96-13H - High Density Storage Tank No. 8					60.01	77
EQT0041	96-14 - Groundwood Mill Refiners						
EQT0042	96-22 - Reburned Lime Bin					69	200
EQT0043	96-23 - Maketup Lime Bin					18	
EQT0046	96-18 - Diesel Tank, SW Construction					12	
EQT0047	96-19 - Gasoline Tank, SW Construction					67	
EQT0049	99-01 - Bleach Plant Scrubber					10	
EQT0050	99-04 - Methanol Storage Tank					10	
EQT0054	96-01 - Linerboard Brownstock Washers System					10	
EQT0055	96-04 - SBK Washers System					10	
EQT0056	96-06 - Batch Digesters					10	
EQT0057	96-07 - SBK Deckers					10	
EQT0059	02-01 - Turpentine Storage Tank					3	
EQT0060	01-02 - Diesel Tank - Trucking Facility					37.73	
EQT0061	02-02 - Diesel Tank						121.16
EQT0062	02-03 - Diesel Tank						165
EQT0063	02-04 - Gasoline Tank						
EQT0069	LVHC - LVHC Vents						
EQT0070	HVLC - HVLC Vents						
EQT0071	PC - Pulping Condensate						
EQT0072	69-05 - West Digester Blow Tank						
EQT0073	69-06 - East Digester Blow Tank						
EQT0074	81-01 - Blow Heat Noncondensable Vent						
EQT0075	81-03 - Blow Heat Accumulator Vent						
EQT0076	69-11 - Multi-Effect Evaporator Hot Vent						
EQT0077	69-10 - Turpentine Condenser						
EQT0078	79-12 - Bleachable Washers First Filtrate Tank						
EQT0079	79-13 - Bleachable Washers Second Filtrate Tank						
EQT0080	79-14 - Bleachable Washers Third Filtrate Tank						
EQT0081	99-02 - 10% Sulfuric Acid Day Tank						
EQT0082	99-03 - 93% Sulfuric Acid Storage Tank						

Relationships:

ID	Description	Relationship	ID	Description

INVENTORIES

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
 Activity Number: PER0060007
 Permit Number: 0320-00002-V1
 Air - Title V Regular Permit Major Mod

Relationships:

ID	Description	Relationship	ID	Description
EQT0056	96-06 - Batch Digesters	Controlled by	EQT0001	69-03 - Bark Boiler No. 1
EQT0056	96-06 - Batch Digesters	Controlled by	EQT0005	79-01 - Bark Boiler No. 2
EQT0069	LVHC Vents	Controlled by	EQT0001	69-03 - Bark Boiler No. 1
EQT0069	LVHC Vents	Controlled by	EQT0005	79-01 - Bark Boiler No. 2
EQT0072	69-05 - West Digester Blow Tank	Controlled by	EQT0001	69-03 - Bark Boiler No. 1
EQT0072	69-05 - West Digester Blow Tank	Controlled by	EQT0005	79-01 - Bark Boiler No. 2
EQT0073	69-06 - East Digester Blow Tank	Controlled by	EQT0001	69-03 - Bark Boiler No. 1
EQT0073	69-06 - East Digester Blow Tank	Controlled by	EQT0005	79-01 - Bark Boiler No. 2
EQT0074	81-01 - Blow Heat Noncondensible Vent	Controlled by	EQT0001	69-03 - Bark Boiler No. 1
EQT0074	81-01 - Blow Heat Noncondensible Vent	Controlled by	EQT0005	79-01 - Bark Boiler No. 2
EQT0075	81-03 - Blow Heat Accumulator Vent	Controlled by	EQT0001	69-03 - Bark Boiler No. 1
EQT0075	81-03 - Blow Heat Accumulator Vent	Controlled by	EQT0005	79-01 - Bark Boiler No. 2
EQT0076	69-11 - Multi-Effect Evaporator Hot Vent	Controlled by	EQT0001	69-03 - Bark Boiler No. 1
EQT0076	69-11 - Multi-Effect Evaporator Hot Vent	Controlled by	EQT0005	79-01 - Bark Boiler No. 2
EQT0077	69-10 - Turpentine Condenser	Controlled by	EQT0001	69-03 - Bark Boiler No. 1
EQT0077	69-10 - Turpentine Condenser	Controlled by	EQT0005	79-01 - Bark Boiler No. 2
EQT0078	79-12 - Bleachable Washers First Filtrate Tank	Controlled by	EQT0049	99-01 - Bleach Plant Scrubber
EQT0079	79-13 - Bleachable Washers Second Filtrate Tank	Controlled by	EQT0049	99-01 - Bleach Plant Scrubber
EQT0080	79-14 - Bleachable Washers Third Filtrate Tank	Controlled by	EQT0049	99-01 - Bleach Plant Scrubber

Subject Item Groups:

ID	Group Type	Group Description
UNF0001	Unit or Facility Wide	AI19933 - DeRidder Mill

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0340	Paper Mill (Rated Capacity)	3829.24	Ton/Day

SIC Codes:

2611	Pulp mills	UNF001
2621	Paper mills	UNF001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER2006007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
DeRidder Mill															
ARE 0009 96-15															
EQT 0001 69-03	329.30	385.56	1442.21	235.48	1031.41	335.60	395.50	1468.40	132.01	170.60	578.20	51.50	57.60	225.40	
EQT 0004 69-01	165.30	549.40	724.00	156.00	166.70	683.30	106.40	108.90	466.03	7.30	19.30	32.00	16.60	16.90	72.80
EQT 0005 79-01	195.10	237.00	854.50	120.60	146.00	513.50	35.10	42.70	153.80	16.67	159.50	73.00	14.66	44.20	64.20
EQT 0006 86-01	10.90	13.00	47.50	21.70	21.70	95.10	1.10	1.10	4.80	0.50	1.00	2.20	1.20	1.20	5.20
EQT 0007 68-02	10.90	13.00	47.50	21.70	21.70	95.10	1.10	1.10	4.80	0.50	1.00	2.20	1.20	1.20	5.20
EQT 0008 69-04	24.00	32.30	105.00	39.00	42.10	170.82	6.70	7.20	29.10	4.10	4.40	17.90	5.00	5.70	21.80
EQT 0009 69-17													0.01	1.30	0.06
EQT 0010 69-18													<0.01	0.29	0.01
EQT 0011 74-01													0.01	1.30	0.06
EQT 0013 77-01													0.05	4.00	0.20
EQT 0014 87-02													0.05	4.00	0.20
EQT 0015 90-01													0.37	0.41	1.30
EQT 0016 95-01													0.45	0.48	1.97
EQT 0017 95-02													1.03	1.10	4.50
EQT 0018 95-03													34.90	46.00	152.86
EQT 0019 95-04													1.50	1.90	6.50
EQT 0020 95-05													1.70	2.20	7.45
EQT 0021 95-02A													0.45	0.49	1.97
EQT 0022 95-02B													0.45	0.49	1.97
EQT 0023 95-08A													0.08	0.08	0.30
EQT 0024 95-08B													0.08	0.08	0.30

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

CO		NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year										
DeRidder Mill													
EQT 0025 96-08C										0.08	0.08	0.30	
EQT 0026 96-09A										0.28	0.28	1.22	
EQT 0027 96-09B										0.28	0.28	1.22	
EQT 0028 96-10A										0.88	0.95	3.80	
EQT 0029 96-10B										0.12	0.13	0.53	
EQT 0030 96-10C										0.11	0.11	0.40	
EQT 0031 96-11										0.90	0.97	3.94	
EQT 0032 96-12										0.02	0.02	0.07	
EQT 0033 96-13A										0.08	0.08	0.30	
EQT 0034 96-13B										0.08	0.08	0.30	
EQT 0035 96-13C										0.08	0.08	0.30	
EQT 0036 96-13D										0.08	0.08	0.30	
EQT 0037 96-13E										0.08	0.08	0.30	
EQT 0038 96-13F										0.08	0.08	0.30	
EQT 0039 96-13G										0.08	0.08	0.30	
EQT 0040 96-13H										0.08	0.08	0.30	
EQT 0041 96-14										2.10	2.20	9.10	
EQT 0042 96-22				0.05	0.05	0.22							
EQT 0043 96-23				<0.01	<0.01	0.01							
EQT 0046 96-18										0.01	0.56	0.02	
EQT 0047 96-19										0.40	39.80	1.70	
EQT 0049 99-01										0.04	0.77	0.18	
EQT 0050 99-04										0.07	30.10	0.31	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-000002-V1

Air - Title V Regular Permit Major Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
DeRidder Mill															
EQT 0054 96-01													38.70	41.50	169.51
EQT 0055 96-04													7.40	8.20	32.30
EQT 0057 96-07													0.37	0.41	1.62
EOT 0058 93-05							1.10	1.20	4.90						
EQT 0060 01-02													<0.01	0.40	0.01
EQT 0061 02-02													<0.01	0.40	0.01
EQT 0062 02-03													<0.01	0.40	0.01
EOT 0063 02-04													0.49	4.80	2.10
FUG 0001 96-05													13.00	19.60	57.10

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0009 96-21	Acetaldehyde	0.37	0.37	1.62
	Methanol	0.98	0.98	4.29
	Methyl ethyl ketone	0.21	0.21	0.92
EQT 0001 69-03	1,2,4-Trichlorobenzene	0.01	0.01	0.02
	Acetaldehyde	0.14	0.16	0.61
	Acrolein	0.005	0.005	0.022
	Arsenic (and compounds)	0.008	0.009	0.029
	Barium (and compounds)	0.780	0.920	3.417
	Benzene	0.04	0.05	0.18
	Beryllium (Table 51.1)	0.010	0.020	0.050
	Cadmium (and compounds)	0.003	0.003	0.008
	Carbon disulfide	0.02	0.02	0.06
	Chromium VI (and compounds)	0.030	0.040	0.100
	Cobalt compounds	0.10	0.12	0.44
	Copper (and compounds)	0.050	0.060	0.200
	Cumene	0.01	0.01	0.03
	Dichloromethane	0.09	0.10	0.40
	Formaldehyde	0.11	0.14	0.40
	Hydrochloric acid	58.30	68.90	255.36
	Hydrogen sulfide	2.00	2.10	8.70
	Lead compounds	0.05	0.05	0.22
	Manganese (and compounds)	0.13	0.16	0.57
	Mercury (and compounds)	0.007	0.008	0.031
	Methanol	26.00	26.10	113.88
	Methyl chloride	0.01	0.01	0.04
	Methyl ethyl ketone	0.06	0.07	0.26
	Methyl isobutyl ketone	0.10	0.12	0.44
	Naphthalene	0.08	0.09	0.30
	Nickel (and compounds)	0.080	0.090	0.30
	Phenol	< 0.01	< 0.01	0.01
	Phosphorus	0.10	0.12	0.44
	Selenium (and compounds)	0.002	0.002	0.004
	Styrene	0.02	0.02	0.08
	Sulfuric acid	0.11	5.20	0.50

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 69-03	Toluene	0.01	0.01	0.04
	Total reduced sulfur	6.10	6.50	26.50
	Xylene (mixed isomers)	< 0.01	< 0.01	< 0.01
	Zinc (and compounds)	0.800	0.950	3.504
	n-Hexane	0.78	1.50	3.42
EQT 0004 69-01	1,2,4-Trichlorobenzene	0.04	0.04	0.18
	Acetaldehyde	0.02	0.03	0.09
	Antimony (and compounds)	0.008	0.008	0.033
	Arsenic (and compounds)	0.030	0.030	0.100
	Barium (and compounds)	0.002	0.003	0.005
	Benzene	0.05	0.05	0.22
	Cadmium (and compounds)	0.003	0.003	0.007
	Chromium VI (and compounds)	0.004	0.004	0.013
	Copper (and compounds)	0.010	0.010	0.044
	Dichloromethane	0.01	0.01	0.04
	Formaldehyde	0.27	0.29	1.18
	Hydrochloric acid	5.30	5.40	23.00
	Hydrogen sulfide	1.10	1.80	5.00
	Lead compounds	0.01	0.01	0.03
	Manganese (and compounds)	0.01	0.01	0.02
	Mercury (and compounds)	0.005	0.005	0.022
	Methanol	1.60	1.70	7.20
	Methyl ethyl ketone	0.07	0.07	0.31
	Methyl isobutyl ketone	< 0.01	< 0.01	0.01
	Naphthalene	0.05	0.05	0.22
	Nickel (and compounds)	0.006	0.006	0.020
	Selenium (and compounds)	0.030	0.030	0.100
	Styrene	0.05	0.05	0.22
	Sulfuric acid	3.70	3.80	16.10
	Tetrachloroethylene	0.01	0.01	0.03
	Toluene	0.03	0.03	0.13
	Total reduced sulfur	5.70	8.90	24.97
	Xylene (mixed isomers)	0.04	0.04	0.18
	Zinc (and compounds)	0.060	0.080	0.263

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0004 69-01	n-Hexane	0.06	0.07	0.26
EQT 0005 79-01	Acetaldehyde	0.02	0.14	0.10
	Acrolein	0.004	0.004	0.014
	Arsenic (and compounds)	0.004	0.005	0.017
	Barium (and compounds)	0.470	0.570	2.100
	Benzene	0.02	0.03	0.10
	Beryllium (Table 51.1)	0.007	0.009	0.030
	Cadmium (and compounds)	0.001	0.001	0.004
	Carbon disulfide	0.01	0.01	0.04
	Chromium VI (and compounds)	0.020	0.020	0.072
	Cobalt compounds	0.06	0.07	0.30
	Copper (and compounds)	0.030	0.040	0.100
	Cumene	0.01	0.01	0.02
	Dichloromethane	0.05	0.06	0.20
	Formaldehyde	0.06	0.07	0.20
	Hydrochloric acid	35.10	42.70	153.80
	Hydrogen sulfide	0.09	2.10	0.40
	Lead compounds	0.03	0.03	0.10
	Manganese (and compounds)	0.53	0.64	2.30
	Mercury (and compounds)	0.004	0.005	0.016
	Methanol	1.49	25.90	6.50
	Methyl chloride	0.01	0.01	0.02
	Methyl ethyl ketone	0.01	0.07	0.02
	Methyl isobutyl ketone	0.06	0.08	0.30
	Naphthalene	0.04	0.05	0.20
	Nickel (and compounds)	0.050	0.060	0.200
	Phosphorus	0.06	0.08	0.30
	Selenium (and compounds)	0.001	0.001	0.002
	Styrene	0.01	0.02	0.03
	Toluene	0.01	0.01	0.02
	Total reduced sulfur	0.30	6.50	1.30
	Zinc (and compounds)	0.470	0.570	2.10
	n-Hexane	0.40	0.40	1.70
EQT 0006 86-01	Manganese (and compounds)	< 0.01	< 0.01	0.01

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EQT 0007 86-02	Manganese (and compounds)	< 0.01	< 0.01	0.01
EQT 0008 69-04	1,2,4-Trichlorobenzene	< 0.01	< 0.01	< 0.01
	Acetaldehyde	0.01	0.01	0.04
	Antimony (and compounds)	0.004	0.004	0.014
	Arsenic (and compounds)	0.004	0.004	0.012
	Barium (and compounds)	0.003	0.004	0.013
	Benzene	0.01	0.01	0.02
	Carbon disulfide	< 0.01	< 0.01	0.01
	Chromium VI (and compounds)	0.020	0.020	0.082
	Copper (and compounds)	0.003	0.003	0.009
	Formaldehyde	0.02	0.02	0.08
	Hydrogen sulfide	1.30	1.40	5.70
	Lead compounds	0.07	0.07	0.31
	Manganese (and compounds)	0.01	0.01	0.04
	Methanol	0.05	0.05	0.22
	Methyl chloride	0.01	0.01	0.04
	Naphthalene	0.22	0.24	0.97
	Nickel (and compounds)	0.006	0.007	0.024
	Phenol	0.01	0.01	0.03
	Selenium (and compounds)	0.004	0.005	0.014
	Styrene	< 0.01	< 0.01	0.01
	Toluene	< 0.01	< 0.01	0.01
	Total reduced sulfur	2.60	2.80	11.39
	Xylene (mixed isomers)	< 0.01	< 0.01	0.01
	Zinc (and compounds)	0.020	0.020	0.060
	n-Hexane	0.28	0.41	1.23
EQT 0009 69-17	Benzene	0.01	0.43	0.02
EQT 0011 74-01	Benzene	0.01	0.43	0.02
EQT 0013 77-01	Benzene	0.02	1.30	0.07
EQT 0014 87-02	1,2,4-Trichlorobenzene	0.004	0.01	0.02
	Acetaldehyde	0.03	0.03	0.13
	Ammonia	10.50	10.80	45.99
	Chromium VI (and compounds)	0.003	0.003	0.009
	Formaldehyde	0.18	0.19	0.79

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0014 87-02	Hydrogen sulfide	1.40	1.50	6.30
	Lead compounds	< 0.01	< 0.01	0.01
	Manganese (and compounds)	< 0.01	< 0.01	0.01
	Methanol	0.33	0.34	1.40
	Methyl chloride	< 0.01	< 0.01	0.01
	Naphthalene	0.04	0.04	0.18
	Phosphorus	0.01	0.01	0.03
	Styrene	0.01	0.01	0.04
	Total reduced sulfur	2.90	3.00	12.60
	Zinc (and compounds)	0.004	0.005	0.018
EQT 0015 90-01	Acetaldehyde	0.01	0.01	0.03
	Carbon disulfide	< 0.01	< 0.01	0.01
	Cumene	0.07	0.08	0.20
	Methanol	0.19	0.21	0.70
	Methyl chloride	0.03	0.03	0.13
	Methyl ethyl ketone	0.01	0.01	0.02
	Styrene	0.01	0.01	0.02
	Toluene	0.01	0.01	0.02
	Xylene (mixed isomers)	0.01	0.01	0.02
	n-Hexane	0.05	0.05	0.22
EQT 0016 95-01	1,2,4-Trichlorobenzene	0.01	0.01	0.04
	Acetaldehyde	0.01	0.01	0.04
	Acrolein	0.001	0.001	0.004
	Cresol	0.07	0.07	0.31
	Methanol	0.33	0.35	1.40
	Methyl ethyl ketone	0.02	0.02	0.08
	Methyl isobutyl ketone	< 0.01	< 0.01	0.01
	Styrene	0.01	0.01	0.02
	Tetrachloroethylene	< 0.01	< 0.01	0.01
	Trichloroethylene	< 0.01	< 0.01	0.01
EQT 0017 95-02	Xylene (mixed isomers)	< 0.01	< 0.01	0.01
	Acetaldehyde	0.56	0.59	2.45
	Benzene	< 0.01	< 0.01	0.01
	Methanol	0.45	0.47	1.97

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0017 95-02	Methyl ethyl ketone	0.02	0.02	0.09
	Styrene	< 0.01	< 0.01	0.01
	n-Hexane	< 0.01	< 0.01	0.01
EQT 0018 95-03	1,1,1-Trichloroethane	0.02	0.03	0.09
	1,1,2-Trichloroethane	0.03	0.03	0.13
	1,2,4-Trichlorobenzene	0.18	0.23	0.79
	Acetaldehyde	3.90	5.10	17.08
	Acrolein	0.260	0.340	1.139
	Benzene	0.05	0.07	0.22
	Dichloromethane	0.04	0.06	0.18
	Formaldehyde	0.57	0.75	2.50
	Methanol	29.00	38.20	127.02
	Methyl ethyl ketone	0.41	0.54	1.80
	Methyl isobutyl ketone	0.11	0.14	0.48
	Styrene	0.13	0.17	0.50
	Tetrachloroethylene	0.06	0.08	0.26
	Toluene	0.07	0.09	0.31
EQT 0019 95-04	Trichloroethylene	0.05	0.06	0.22
	Xylene (mixed isomers)	0.19	0.25	0.83
	n-Hexane	0.02	0.03	0.09
EQT 0020 95-05	1,2,4-Trichlorobenzene	0.12	0.15	0.53
	Acetaldehyde	0.43	0.57	1.88
	Acrolein	0.030	0.030	0.132
	Benzene	0.02	0.02	0.06
	Formaldehyde	0.06	0.08	0.26
	Methanol	0.64	0.84	2.80
	Methyl ethyl ketone	0.04	0.05	0.18
	Methyl isobutyl ketone	0.04	0.05	0.18
	Styrene	0.07	0.09	0.31
	Tetrachloroethylene	0.01	0.02	0.06
	Toluene	0.01	0.01	0.03
	Xylene (mixed isomers)	0.05	0.07	0.22

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0020 95-05	Acrolein	0.030	0.040	0.132
	Benzene	0.02	0.02	0.07
	Formaldehyde	0.07	0.09	0.31
	Methanol	0.74	0.95	3.24
	Methyl ethyl ketone	0.05	0.06	0.22
	Methyl isobutyl ketone	0.04	0.05	0.18
	Styrene	0.08	0.10	0.30
	Tetrachloroethylene	0.02	0.02	0.07
	Toluene	0.01	0.01	0.04
	Xylene (mixed isomers)	0.06	0.08	0.26
EQT 0021 96-02A	Acetaldehyde	0.10	0.11	0.44
	Ammonia	7.10	7.70	31.20
	Methanol	0.33	0.36	1.45
	Methyl ethyl ketone	0.01	0.01	0.03
	Styrene	0.004	0.004	0.02
	Tetrachloroethylene	< 0.01	< 0.01	< 0.01
	Toluene	< 0.01	< 0.01	0.01
	Xylene (mixed isomers)	0.01	0.01	< 0.01
EQT 0022 96-02B	Acetaldehyde	0.10	0.11	0.44
	Ammonia	1.14	1.20	5.00
	Methanol	0.33	0.36	1.45
	Methyl ethyl ketone	0.01	0.01	0.03
	Styrene	0.01	0.01	0.02
	Toluene	< 0.01	< 0.01	0.01
EQT 0023 96-08A	Acetaldehyde	0.01	0.01	0.05
	Methanol	0.05	0.05	0.22
	Methyl ethyl ketone	0.01	0.01	0.03
	Phenol	0.01	0.01	0.02
	Trichloroethylene	< 0.01	< 0.01	0.01
EQT 0024 96-08B	Acetaldehyde	0.01	0.01	0.05
	Methanol	0.05	0.05	0.22
	Methyl ethyl ketone	0.01	0.01	0.03
	Phenol	0.01	0.01	0.02
	Trichloroethylene	< 0.01	< 0.01	0.01

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0025 96-08C	Acetaldehyde	0.01	0.01	0.05
	Methanol	0.05	0.05	0.22
	Methyl ethyl ketone	0.01	0.01	0.03
	Phenol	0.01	0.01	0.02
	Trichloroethylene	< 0.01	< 0.01	0.01
EQT 0026 96-09A	Acetaldehyde	< 0.01	< 0.01	0.01
	Methanol	0.27	0.27	1.18
	Methyl ethyl ketone	0.01	0.01	0.01
EQT 0027 96-09B	Acetaldehyde	< 0.01	< 0.01	0.01
	Methanol	0.27	0.27	1.18
	Methyl ethyl ketone	< 0.01	< 0.01	0.01
EQT 0028 96-10A	Acetaldehyde	< 0.01	< 0.01	0.01
	Methanol	0.87	0.94	3.81
	Methyl ethyl ketone	< 0.01	< 0.01	0.01
	Styrene	< 0.01	< 0.01	0.01
	Xylene (mixed isomers)	0.01	0.01	0.02
EQT 0029 96-10B	Formaldehyde	0.02	0.02	0.07
	Methanol	0.10	0.11	0.44
	Methyl ethyl ketone	< 0.01	< 0.01	0.01
	Xylene (mixed isomers)	< 0.01	< 0.01	0.01
EQT 0030 96-10C	Acetaldehyde	0.01	0.01	0.05
	Formaldehyde	< 0.01	< 0.01	0.01
	Methanol	0.08	0.09	0.35
	Methyl ethyl ketone	< 0.01	< 0.01	0.01
	Methyl isobutyl ketone	< 0.01	< 0.01	0.01
	Toluene	0.01	0.01	0.02
	Xylene (mixed isomers)	< 0.01	< 0.01	0.01
EQT 0031 96-11	1,2,4-Trichlorobenzene	0.02	0.02	0.09
	Acetaldehyde	0.02	0.02	0.09
	Acrolein	0.002	0.003	0.009
	Cresol	0.14	0.15	0.61
	Formaldehyde	< 0.01	< 0.01	0.01
	Methanol	0.66	0.71	2.89
	Methyl ethyl ketone	0.04	0.04	0.18

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0031 96-11	Methyl isobutyl ketone	< 0.01	< 0.01	0.01
	Styrene	0.01	0.01	0.03
	Tetrachloroethylene	< 0.01	< 0.01	0.01
	Toluene	< 0.01	< 0.01	0.01
	Trichloroethylene	0.01	0.01	0.03
	Xylene (mixed isomers)	0.01	0.01	0.02
EQT 0032 96-12	Acetaldehyde	0.01	0.01	0.03
	Methanol	< 0.01	< 0.01	0.01
	Methyl ethyl ketone	< 0.01	< 0.01	0.01
	Toluene	< 0.01	< 0.01	0.01
EQT 0033 96-13A	Acetaldehyde	< 0.01	< 0.01	0.01
	Chloroform	< 0.01	< 0.01	0.01
	Methanol	0.06	0.06	0.26
	Methyl ethyl ketone	< 0.01	0.01	0.02
	Phenol	0.01	0.01	0.02
EQT 0034 96-13B	Acetaldehyde	< 0.01	< 0.01	0.01
	Chloroform	< 0.01	< 0.01	0.01
	Methanol	0.06	0.06	0.26
	Methyl ethyl ketone	0.01	0.01	0.02
	Phenol	0.01	0.01	0.02
EQT 0035 96-13C	Acetaldehyde	< 0.01	< 0.01	0.01
	Chloroform	< 0.01	< 0.01	0.01
	Methanol	0.06	0.06	0.26
	Methyl ethyl ketone	0.01	0.01	0.02
	Phenol	0.01	0.01	0.02
EQT 0036 96-13D	Acetaldehyde	< 0.01	< 0.01	0.01
	Chloroform	< 0.01	< 0.01	0.01
	Methanol	0.06	0.06	0.26
	Methyl ethyl ketone	0.01	0.01	0.02
	Phenol	0.01	0.01	0.02
EQT 0037 96-13E	Acetaldehyde	< 0.01	< 0.01	0.01
	Chloroform	< 0.01	< 0.01	0.01
	Methanol	0.06	0.06	0.26
	Methyl ethyl ketone	0.01	0.01	0.02

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0037 96-13E	Phenol	0.01	0.01	0.02
EQT 0038 96-13F	Acetaldehyde	< 0.01	< 0.01	0.01
	Chloroform	< 0.01	< 0.01	0.01
	Methanol	0.06	0.06	0.26
	Methyl ethyl ketone	0.01	0.01	0.02
	Phenol	0.01	0.01	0.02
EQT 0039 96-13G	Acetaldehyde	< 0.01	< 0.01	0.01
	Chloroform	< 0.01	< 0.01	0.01
	Methanol	0.06	0.06	0.26
	Methyl ethyl ketone	0.01	0.01	0.02
	Phenol	0.01	0.01	0.02
EQT 0040 96-13H	Acetaldehyde	< 0.01	< 0.01	0.01
	Chloroform	< 0.01	< 0.01	0.01
	Methanol	0.06	0.06	0.26
	Methyl ethyl ketone	0.01	0.01	0.02
	Phenol	0.01	0.01	0.02
EQT 0041 96-14	Acetaldehyde	1.10	1.20	4.90
	Acrolein	0.002	0.002	0.007
	Benzene	0.01	0.01	0.02
	Formaldehyde	< 0.01	< 0.01	0.01
	Methanol	0.90	0.97	3.94
	Methyl ethyl ketone	0.04	0.05	0.18
	Styrene	< 0.01	< 0.01	0.01
	n-Hexane	0.01	0.01	0.02
EQT 0047 96-19	n-Hexane	0.03	2.60	0.13
EQT 0049 99-01	1,1,1-Trichloroethane	< 0.01	< 0.01	0.01
	1,1,2-Trichloroethane	< 0.01	< 0.01	0.01
	1,2,4-Trichlorobenzene	< 0.01	< 0.01	0.01
	Acetaldehyde	< 0.01	< 0.01	0.01
	Acrolein	0.002	0.002	0.009
	Benzene	< 0.01	< 0.01	0.01
	Carbon tetrachloride	< 0.01	< 0.01	0.01
	Chlorine	1.40	1.40	6.30
	Chlorine dioxide	2.000	2.000	8.760

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0049 99-01	Chloroform	< 0.01	0.02	0.01
	Cresol	< 0.01	0.01	0.01
	Cumene	< 0.01	< 0.01	0.01
	Dichloromethane	< 0.01	< 0.01	0.01
	Formaldehyde	< 0.01	< 0.01	0.01
	Methanol	0.01	0.70	0.04
	Methyl ethyl ketone	< 0.01	< 0.01	0.01
	Methyl isobutyl ketone	< 0.01	< 0.01	0.01
	Phenol	< 0.01	0.01	0.01
	Styrene	< 0.01	0.01	0.01
	Tetrachloroethylene	< 0.01	< 0.01	0.01
	Toluene	< 0.01	< 0.01	0.01
	Trichloroethylene	< 0.01	< 0.01	0.01
	Xylene (mixed isomers)	< 0.01	< 0.01	0.01
	n-Hexane	< 0.01	< 0.01	0.01
EQT 0050 99-04	Methanol	0.07	30.10	0.31
EQT 0054 96-01	1,2,4-Trichlorobenzene	< 0.01	0.01	0.01
	Acetaldehyde	0.60	0.64	2.63
	Cresol	0.56	0.60	2.45
	Formaldehyde	0.06	0.06	0.20
	Hydrogen sulfide	0.08	0.09	0.40
	Methanol	7.20	7.70	31.54
	Methyl chloride	< 0.01	< 0.01	0.01
	Methyl ethyl ketone	0.16	0.17	0.70
	Phenol	0.05	0.05	0.22
	Styrene	0.01	0.01	0.05
	Tetrachloroethylene	0.01	0.01	0.02
	Toluene	< 0.01	< 0.01	0.01
	Total reduced sulfur	14.60	15.70	63.95
	Trichloroethylene	< 0.01	< 0.01	0.01
	Xylene (mixed isomers)	< 0.01	0.01	0.01
EQT 0055 96-04	Acetaldehyde	0.11	0.13	0.48
	Cresol	0.11	0.12	0.48
	Formaldehyde	0.01	0.01	0.05

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0055 96-04	Hydrogen sulfide	0.02	0.02	0.07
	Methanol	3.90	4.30	17.08
	Methyl ethyl ketone	0.03	0.03	0.13
	Phenol	0.01	0.01	0.04
	Styrene	< 0.01	< 0.01	0.01
	Tetrachloroethylene	< 0.01	< 0.01	0.01
	Total reduced sulfur	2.80	3.10	12.20
EQT 0057 96-07	1,2,4-Trichlorobenzene	0.01	0.01	0.04
	Acetaldehyde	0.01	0.01	0.04
	Cresol	0.06	0.06	0.20
	Methanol	0.27	0.30	1.18
	Methyl ethyl ketone	0.01	0.02	0.06
	Styrene	< 0.01	0.01	0.01
	Trichloroethylene	< 0.01	< 0.01	0.01
	Xylene (mixed isomers)	< 0.01	< 0.01	0.01
EQT 0063 02-04	2,2,4-Trimethylpentane	0.02	0.03	0.09
	Toluene	< 0.01	0.03	0.01
	n-Hexane	0.02	0.27	0.09
EQT 0081 89-02	Sulfuric acid	< 0.01	< 0.01	< 0.01
EQT 0082 99-03	Sulfuric acid	< 0.01	< 0.01	< 0.01
FUG 0001 96-05	Ammonia	0.06	0.09	0.26
	Carbon disulfide	0.02	0.03	0.08
	Chloroform	0.01	0.02	0.06
	Methanol	11.90	17.90	52.20
	Total reduced sulfur	0.27	0.41	1.18
UNF 0001 AI19933	1,1,1-Trichloroethane			0.10
	1,1,2-Trichloroethane			0.14
	1,2,4-Trichlorobenzene			2.30
	2,2,4-Trimethylpentane			0.09
	Acetaldehyde			35.63
	Acrolein			1.468
	Ammonia			82.45
	Antimony (and compounds)			0.047
	Arsenic (and compounds)			0.158

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 AI19933	Barium (and compounds)			5.535
	Benzene			1.03
	Beryllium (Table 51.1)		,	0.080
	Cadmium (and compounds)			0.019
	Carbon disulfide			0.20
	Carbon tetrachloride			0.01
	Chlorine			6.30
	Chlorine dioxide			8.760
	Chloroform		,	0.15
	Chromium VI (and compounds)			0.276
	Cobalt compounds			0.74
	Copper (and compounds)			0.353
	Cresol			4.06
	Cumene			0.26
	Dichloromethane			0.83
	Formaldehyde			6.08
	Hydrochloric acid			432.16
	Hydrogen sulfide			26.57
	Lead compounds			0.67
	Manganese (and compounds)			2.96
	Mercury (and compounds)			0.069
	Methanol			392.41
	Methyl chloride			0.25
	Methyl ethyl ketone			5.53
	Methyl isobutyl ketone			1.63
	Naphthalene			1.87
	Nickel (and compounds)			0.544
	Phenol			0.51
	Phosphorus			0.77
	Selenium (and compounds)			0.120
	Styrene			1.71
	Sulfuric acid			16.60
	Tetrachloroethylene			0.48
	Toluene			0.69

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 AI19933	Total reduced sulfur			154.09
	Trichloroethylene			0.32
	Xylene (mixed isomers)			1.62
	Zinc (and compounds)			5.945
	n-Hexane			7.18

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER200000007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0001 69-03 - Bark Boiler No. 1

- 1 [40 CFR 63.443(d)(4)(i)] Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]
- 2 [40 CFR 63.450(c)] Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]
- 3 [40 CFR 63.453(k)(1)] Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
Which Months: All Year Statistical Basis: None specified
Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 63.453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]
- 4 [40 CFR 63.453(k)(1)] Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]
Which Months: All Year Statistical Basis: None specified
Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 63.453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]
- 5 [40 CFR 63.453(k)(2)] Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
Which Months: All Year Statistical Basis: None specified
Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 63.453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]
- 6 [40 CFR 63.453(k)(2)] Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
Which Months: All Year Statistical Basis: None specified
Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 63.453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]
- 7 [40 CFR 63.453(k)(3)] Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
Which Months: All Year Statistical Basis: None specified
Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 63.453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]
- 8 [40 CFR 63.453(k)(3)]
- 9 [40 CFR 63.453(k)(4)]
- 10 [40 CFR 63.453(k)(4)]
- 11 [40 CFR 63.453(k)(5)]
- 12 [40 CFR 63.453(k)(5)]

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
Activity Number: PER20060007
Permit Number: 0320-00002-V1
Air - Title V Regular Permit Major Mod

EQT0001 69-03 - Bark Boiler No. 1

- 13 [40 CFR 63.453(k)(6)] Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]
- 14 [40 CFR 63.453(o)] Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)]
- 15 [40 CFR 63.454(b)] Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]
- 16 [40 CFR 63.454(b)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]
- 17 [40 CFR 63.454(e)] Closed-vent System (bypass lines): Flow indication recordkeeping by electronic or hard copy once every 15 minutes. Set the flow indicator on each bypass line specified in 40 CFR 63.450(d)(1) to provide a record of the presence of gas stream flow in the bypass line at least once every 15 minutes. Subpart S. [40 CFR 63.454(e)]
- 18 [LAC 33.III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- 19 [LAC 33.III.1101.] Which Months: All Year Statistical Basis: None specified
- 20 [LAC 33.III.1313.C] Scrubber Liquid Flow rate monitored by flow indicator once every shift during operation. [LAC 33.III.1101, LAC 33.III.1311]
- 21 [LAC 33.III.1503.C] Which Months: All Year Statistical Basis: Instantaneous determination
- 22 [LAC 33.III.1503.D.1] Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 23 [LAC 33.III.1511.A] Which Months: All Year Statistical Basis: None specified
- 24 [LAC 33.III.1511.C.2.b] Sulfur dioxide <= 2000 ppmv at standard conditions.
- 25 [LAC 33.III.1511.C.2.b] Which Months: All Year Statistical Basis: Three-hour average
- 26 [LAC 33.III.1513.A.2] Determine compliance with the appropriate emission limitation in LAC 33.III.1503.A through 1503.C using the methods listed in LAC 33.III.1503.D. Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ.
- 27 [LAC 33.III.1513.A.2] Sulfur dioxide monitored by continuous emission monitor (CEM) continuously, except as specified in LAC 33.III.1511.C and 1511.D. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60 Appendix B, and quality assured by the procedures in 40 CFR 60 Appendix F.
- 28 [LAC 33.III.1511.C.2.b] Which Months: All Year Statistical Basis: None specified
- 29 [LAC 33.III.1511.C.2.b] Determine input sulfur value daily.
- 30 [LAC 33.III.1511.C.2.b] Fuel rate monitored by CMS continuously. Monitor the fuel consumption rate.
- 31 [LAC 33.III.1513.A.2] Which Months: All Year Statistical Basis: None specified
- 32 [LAC 33.III.1513.A.2] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
- 33 [LAC 33.III.1513.A.2] Submit compliance determination results: Due no later than 90 days after completion of test.

SPECIFIC REQUIREMENTS

AJID: 19933 - Boise Packaging & Newsprint LLC - DeRudder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-v1

Air - Title V Regular Permit Major Mod

EQT0001 69-03 - Bark Boiler No. 1

28 [LAC 33:III.1513.B.1]

29 [LAC 33:III.1513.B.2]

30 [LAC 33:III.1513.E]

31 [LAC 33:III.1513.E]

32 [LAC 33:III.1513.E]

33 [LAC 33:III.2301.D.3.b]

34 [LAC 33:III.507.H.1.a]

35 [LAC 33:III.509]

36 [LAC 33:III.509]

37 [LAC 33:III.509]

38 [LAC 33:III.509]

39 [LAC 33:III.509]

40 [LAC 33:III.509]

41 [LAC 33:III.5109.A]

Fuel recordkeeping by CMS continuously. Record the fuel H2S content and the fuel consumption rate.

Sulfur recordkeeping by electronic or hard copy continuously. Record the fuel and/or feedstock consumption rate. Also record the input sulfur at the frequencies specified in LAC 33:III.1513.B.2.a and B.2.b.

Make all compliance data available to a representative of DEQ or the U.S. EPA on request.

Submit excess emissions report: Due quarterly in accordance with LAC 33:1.Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.

Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.

The vent streams shall be introduced with the primary fuel or into the flame zone to ensure compliance with TRS limit of <= 5ppmv at 8.0 vol% oxygen.

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; and Method 6 - Determination of sulfur dioxide emissions from stationary sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits

Maximum carbon monoxide emissions <= 1442.21 tons/year - PSD-LA-687.

Maximum carbon monoxide emissions <= 385.56 lbs/hour - PSD-LA-687.

Maximum nitrogen oxides emissions <= 1031.41 tons/year - PSD-LA-687.

Maximum nitrogen oxides emissions <= 235.48 lbs/hr - PSD-LA-687.

Maximum sulfur dioxide emissions <= 170.60 lbs/hr - PSD-LA-687.

Maximum sulfur dioxide emissions <= 578.20 tons/year - PSD-LA-687.

Shall comply with all applicable provisions of 40 CFR 63 Subpart S, LAC 33:III. Chapter 11 and Chapter 13 - Determined as MACT.

EQT0004 69-01 - Recovery Boiler

42 [40 CFR 63.862(a)(1)(ii)]

43 [40 CFR 63.864(d)]

44 [40 CFR 63.865]

45 [40 CFR 63.865]

Establish PM emissions limits by complying with 40 CFR 63.862(a)(1)(ii)(A) through (a)(1)(ii)(D). Subpart MM. [40 CFR 63.862(a)(1)(ii)]

Opacity monitored by continuous opacity monitor (COM) continuously. [40 CFR 63.864(d)]

Which Months: All Year Statistical Basis: None specified Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM.

Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0004 69-01 - Recovery Boiler

- 46 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 47 [LAC 33:III.2301.D.1.a] Total suspended particulate \leq 4.0 lb/equivalent pulp ton (2.0 kg/equivalent pulp metric ton).
Which Months: All Year Statistical Basis: Twelve-hour average
Do not exceed the limits set forth in LAC 33:III.1503.C.
Submit test results: Due to the Office of Environmental Assessment, Air Quality Assessment Division, as specified in LAC 33:III.919 and 918.
- 48 [LAC 33:III.2301.D.2] Total suspended particulate monitored by the regulation's specified method(s) at the regulation's specified frequency. Conduct source tests pursuant to the provisions in LAC 33:III.1503.D.2, Table 4, to confirm particulate emissions are less than that specified in LAC 33:III.2301.D.1.
Conduct four tests at six month intervals within 24 months of promulgation of LAC 33:III.2301, and one test annually thereafter.
- 49 [LAC 33:III.2301.D.4.a] Which Months: All Year Statistical Basis: Twelve-hour average
Opacity \leq 40 percent, except for one 6-minute period in any 60 consecutive minutes.
- 50 [LAC 33:III.2301.D.4] Which Months: All Year Statistical Basis: Six-minute average
Conduct a performance/emissions test: Due annually. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 5 - Determination of Particulate Matter Emissions from Stationary Sources, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Air Quality Assessment Division. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 51 [LAC 33:III.2301.D.4] Shall not add sodium nitrate to the black liquor solids which are to be burned in the furnace. Certification shall be submitted annually.
- 52 [LAC 33:III.501.C.6] Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer, Method 6 - Determination of sulfur dioxide emissions from stationary sources, and Method 16A - Determination of total reduced sulfur emissions from stationary sources (impinger technique). Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
Shall comply with all applicable provisions of 40 CFR 63 Subpart MM - Determined as MACT.
- 53 [LAC 33:III.501.C.6]
- 54 [LAC 33:III.507.H.1.a]
- 55 [LAC 33:III.5109.A]

EQT0005 79-01 - Bark Boiler No. 2

- 56 [40 CFR 60.43b(c)(1)] Particulate matter (10 microns or less) \leq 0.10 lb/MMBTU (43 ng/J) heat input. The particulate matter standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(c)(1)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0005 79-01 - Bark Boiler No. 2

- 57 [40 CFR 60.43b(f)] Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(f)]
- Which Months: All Year Statistical Basis: Six-minute average
- Nitrogen oxides <= 0.30 lb/MMBTU (130 ng/l) heat input (expressed as NO₂). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.44b(d)]
- Which Months: All Year Statistical Basis: Thirty-day rolling average
- Determine compliance with the PM and opacity standards in 40 CFR 60.43b through performance testing as described in 40 CFR 60.46(d), except as provided in 40 CFR 60.46(i) and (j). Subpart Db. [40 CFR 60.46b(b)]
- Determine compliance with the NO_x standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]
- Opacity monitored by continuous opacity monitor (COM) continuously, except as provided in 40 CFR 60.48(j) or (k). Subpart Db. [40 CFR 60.48b(a)]
- Which Months: All Year Statistical Basis: Six-minute average
- Opacity recordkeeping by continuous opacity monitor (COM) continuously, except as provided in 40 CFR 60.48(j) or (k). Subpart Db. [40 CFR 60.48b(a)]
- Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d), except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
- Which Months: All Year Statistical Basis: Hourly average
- Nitrogen oxides recordkeeping by CMS continuously, except as provided in 40 CFR 60.48(g), (h), and (i). Subpart Db. [40 CFR 60.48b(b)(1)]
- Operate NO_x continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]
- Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NO_x and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]
- When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]
- Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]
- Subpart Db. [40 CFR 60.49b(b)]
- Submit the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility to DEQ.
- Subpart Db. [40 CFR 60.49b(b)]
- Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]

SPECIFIC REQUIREMENTS

AI ID: 19933 - Bolte Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-0002-Y1

Air - Title V Regular Permit Major Mod

EQT0005 79-01 - Bark Boiler No. 2

- 71 [40 CFR 60.49b(c)]
Submit plan: Due within 360 days of initial startup to DEQ for approval. The plan must identify the operating conditions to be monitored under 40 CFR 60.48b(g)(2), the records to be maintained under 40 CFR 60.49b(g), and all other information as specified in 40 CFR 60.49b(c)(1) through (c)(3). If the plan is approved, maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan. Subpart Db. [40 CFR 60.49b(c)]
- 72 [40 CFR 60.49b(d)]
Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- 73 [40 CFR 60.49b(f)]
Opacity recordkeeping by CMS continuously or approved alternatives. Subpart Db. [40 CFR 60.49b(f)]
- 74 [40 CFR 60.49b(g)]
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency, except as provided in 40 CFR 60.49b(p). Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]
- 75 [40 CFR 60.49b(h)]
Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]
- 76 [40 CFR 60.49b(i)]
Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
- 77 [40 CFR 60.49b(o)]
Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
- 78 [40 CFR 60.49b(p)]
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the calendar date, the number of hours of operation, and the hourly steam load for each steam generating unit operating day. Subpart Db. [40 CFR 60.49b(p)]
- 79 [40 CFR 60.49b(q)]
Submit a report to DEQ containing the annual capacity factor over the previous 12 months, the average fuel nitrogen content during the reporting period if residual oil was fired, and all other applicable information per 40 CFR 60.49b(q)(1) through (q)(3). Subpart Db. [40 CFR 60.49b(q)]
- 80 [40 CFR 63.443(d)(4)(i)]
Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]
- 81 [40 CFR 63.450(c)]
Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]
- 82 [40 CFR 63.453(k)(1)]
Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
- 83 [40 CFR 63.453(k)(1)]
Which Months: All Year Statistical Basis: None specified
- Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 63.453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]
- 84 [40 CFR 63.453(k)(2)]
Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]
- 85 [40 CFR 63.453(k)(2)]
Which Months: All Year Statistical Basis: None specified
- Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 63.453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0005 79-01 - Bark Boiler No. 2

- 86 [40 CFR 63.453(k)(3)] Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
- Which Months: All Year Statistical Basis: None specified
- 87 [40 CFR 63.453(k)(3)] Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 63.453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]
- 88 [40 CFR 63.453(k)(4)] Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
- Which Months: All Year Statistical Basis: None specified
- 89 [40 CFR 63.453(k)(4)] Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 63.453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]
- 90 [40 CFR 63.453(k)(5)] Closed vent system: Equipment/operational data monitored by technically sound method, once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
- Which Months: All Year Statistical Basis: None specified
- 91 [40 CFR 63.453(k)(5)] Closed vent system: Equipment/recordkeeping by electronic or hard copy, once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 63.453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]
- 92 [40 CFR 63.453(k)(6)] Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]
- 93 [40 CFR 63.453(o)] Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63. Subpart S. Subpart S. [40 CFR 63.453(o)]
- 94 [40 CFR 63.454(b)] Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]
- 95 [40 CFR 63.454(b)] Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]
- 96 [40 CFR 63.454(e)] Closed-vent System (bypass lines): Flow indication recordkeeping by electronic or hard copy once every 15 minutes. Set the flow indicator on each bypass line specified in 40 CFR 63.450(d)(1) to provide a record of the presence of gas stream flow in the bypass line at least once every 15 minutes. Subpart S. [40 CFR 63.454(e)]
- 97 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- Which Months: All Year Statistical Basis: None specified
- Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 98 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0005 79-01 - Bark Boiler No. 2

- 99 [LAC 33:III.1503.C] Sulfur dioxide <= 2000 ppmv at standard conditions.
Which Months: All Year Statistical Basis: Three-hour average
Determine compliance with the appropriate emission limitation in LAC 33:III.1503.A through 1503.C using the methods listed in LAC 33:III.1503.D. Table 4 or any such equivalent method as may be approved by DEQ. Use these methods for initial compliance determinations and for any additional compliance determinations as requested by DEQ.
- 100 [LAC 33:III.1503.D.] Sulfur dioxide monitored by continuous emission monitor (CEM) continuously, except as specified in LAC 33:III.1511.C and 1511.D. Ensure that the measurement system is certified according to Performance Specification 2 of 40 CFR 60 Appendix B, and quality assured by the procedures in 40 CFR 60 Appendix F.
- 101 [LAC 33:III.1511.A] Which Months: All Year Statistical Basis: None specified
Determine input sulfur value daily.
- 102 [LAC 33:III.1511.C.2.b] Fuel rate monitored by CMS continuously. Monitor the fuel consumption rate.
- 103 [LAC 33:III.1511.C.2.b] Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Record the initial and additional compliance determination data.
- 104 [LAC 33:III.1513.A.2] Submit compliance determination results: Due no later than 90 days after completion of test.
- 105 [LAC 33:III.1513.B.1] Fuel recordkeeping by CMS continuously. Record the fuel H2S content and the fuel consumption rate. Also record the input sulfur at the frequencies specified in LAC 33:III.1513.B.2.a and B.2.b.
- 106 [LAC 33:III.1513.B.1] Make all compliance data available to a representative of DEQ or the U.S. EPA on request.
- 107 [LAC 33:III.1513.B.2] Submit excess emissions report: Due quarterly in accordance with LAC 33:III.1 Chapter 39. Submit reports of three-hour excess emissions and reports of emergency conditions.
- 108 [LAC 33:III.1513.E] Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III. Chapter 15.
- 109 [LAC 33:III.1513.E] The vent streams shall be introduced with the primary fuel or into the flame zone to ensure compliance with TRS limit of <= 5pmvv at 8.0 vol% oxygen.
- 110 [LAC 33:III.1513.E] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Air Quality Assessment Division. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 111 [LAC 33:III.2301.D.3.b]
- 112 [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0005 79-01 - Bark Boiler No. 2

113 [LAC 33:III.509.R.6]

Before beginning actual construction of the project, permittee shall document and maintain a record of the following information: 1) a description of the project; 2) the emissions units whose emissions of a regulated pollutant could be affected by the project; and 3) a description of the applicability test used to determine that the project is not a major modification for any regulated pollutant, including the baseline actual emissions, the projected actual emissions, the amount of emissions excluded from the projected actual emissions (the demand growth exclusion) and an explanation for why such amount was excluded, and any netting calculations, if applicable.

114 [LAC 33:III.509.R.6]

Permittee shall monitor the NOX and CO emissions from the Bark Boiler No. 2 and calculate and maintain a record of the annual emissions, in

115 [LAC 33:III.509.R.6]

TPY on a calendar year basis, for a period of 10 years following resumption of regular operations. Permittee shall submit a report to LDEQ within 60 days after the end of the year if annual emissions, in TPY, from the project in question exceed the baseline actual emissions by a "significant" (as defined in LAC 33:III.509.B) amount, and if such emissions differ from the preconstruction projection. This report shall contain the following: 1) the name, address, and telephone number of the major stationary source; 2) the annual emissions; and 3) any other information that the owner or operator wishes to include in the report (e.g., an explanation as to why the emissions differ from the preconstruction projection).

116 [LAC 33:III.509]

Before beginning actual construction of the project as described in PSD-LA-77(M3), permittee shall document and maintain a record of the following information: 1) a description of the project; 2) the emissions units whose emissions of a regulated pollutant could be affected by the project; and 3) a description of the applicability test used to determine that the project is not a major modification for any regulated pollutant, including the baseline actual emissions, the projected actual emissions, the amount of emissions excluded from the projected actual emissions (the demand growth exclusion) and an explanation for why such amount was excluded, and any netting calculations, if applicable. Flow rate >= 1300 gallons/min - PSD-LA-77(M3).

117 [LAC 33:III.509]

Which Months: All Year Phases: Statistical Basis:

Maximum VOC emissions <= 44.20 lbs/hr - PSD-LA-77(M3).

Maximum VOC emissions <= 64.20 tons/year - PSD-LA-77(M3).

Maximum carbon monoxide emissions <= 237.00 lbs/hr - PSD-LA-77(M3).

Maximum carbon monoxide emissions <= 854.50 tons/year - PSD-LA-77(M3).

Maximum nitrogen oxides emissions <= 146.00 lbs/hr - PSD-LA-77(M3).

Maximum nitrogen oxides emissions <= 513.50 tons/year - PSD-LA-77(M3).

Maximum particulate (PM10) emissions <= 153.80 tons/year - PSD-LA-77(M3).

Maximum particulate (PM10) emissions <= 42.70 lbs/hr - PSD-LA-77(M3).

Opacity <= 20 percent - PSD-LA-77(M3).

Which Months: All Year Phases: Statistical Basis:

Permittee shall monitor the NOX and CO emissions from the Bark Boiler No. 2 and calculate and maintain a record of the annual emissions, in TPY on a calendar year basis, for a period of 10 years following resumption of regular operations.

Permittee shall submit a report to LDEQ within 60 days after the end of the year if annual NOX or CO emissions, in TPY, from the project in question exceed the baseline actual emissions by a "significant" (as defined in LAC 33:III.509.B) amount, and if such emissions differ from the preconstruction projection. This report shall contain the following: 1) the name, address, and telephone number of the major stationary source; 2) the annual emissions; and 3) any other information that the owner or operator wishes to include in the report (e.g., an explanation as to why the emissions differ from the preconstruction projection).

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AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0005 79-01 - Bark Boiler No. 2

129 [LAC 33:III.509]

Pressure drop \geq 10 in of water - PSD-LA-77(M3).

Which Months: All Year Phases: Statistical Basis:

Shall comply with all applicable provisions of 40 CFR 63 Subpart S, LAC 33:III. Chapter 11 and Chapter 13 - Determined as MACT.

EQT0006 86-01 - Package Boiler No. 3

131 [40 CFR 60.44b]

Nitrogen oxides ≤ 0.20 lb/MMBTU (86 ng/J) heat input (expressed as NO₂), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.

Which Months: All Year Statistical Basis: Thirty-day rolling average

Determine compliance with the NO_x standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]

Comply with the provisions of 40 CFR 60.48b(b), (c), (d), (e)(2), (e)(3), and (f), or monitor steam generating unit operating conditions and predict nitrogen oxides emission rates as specified in a plan submitted pursuant to 60.49b(c). Subpart Db. [40 CFR 60.48b(g)]

Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]

Submit the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility to DEQ. Subpart Db. [40 CFR 60.49b(b)]

Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]

Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency, except as provided in 40 CFR 60.49b(p). Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]

Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]

Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]

Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the calendar date, the number of hours of operation, and the hourly steam load for each steam generating unit operating day. Subpart Db. [40 CFR 60.49b(p)]

Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lanceing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

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AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

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EQT0006 86-01 - Package Boiler No. 3

144 [LAC 33:III.1313.C]

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and establish an operating range based upon flue gas oxygen content. The emission test shall be performed at four operating conditions: 1) Normal load with high oxygen, 2) Normal load with low oxygen, 3) Maximum load with high oxygen and 4) Maximum load with low oxygen. A one hour run shall be performed at conditions 1, 2, and 4. Three one hour runs shall be performed at the maximum load, high oxygen condition. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; and 40 CFR 60, Appendix F for the continuous oxygen monitor. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

Maximum nitrogen oxides emissions <= 21.70 lbs/hr - PSD-LA-695.

Maximum nitrogen oxides emissions <= 95.10 tons/year - PSD-LA-695.

The permittee shall install a continuous oxygen monitor that meets the requirements of 40 CFR Part 60, Appendix B, Performance Specification 3(c). A range of excess air shall be established. The range shall be the oxygen content associated with NOX and CO emission rates specified in this permit, and shall be determined such that the appropriate NOX and CO limits are not exceeded. Frequent or excessive instances of operating parameter excursions and/or monitoring device down time may be considered as indicative of failure to properly maintain or operate the equipment, and may be considered a violation of this permit. Permittee shall follow the procedures under 40 CFR 60.13 as applicable for installation, evaluation, and operation of the Oxygen continuous monitoring system.

EQT0007 86-02 - Package Boiler No. 4

149 [40 CFR 60.44b]

Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input (expressed as NO₂), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.

Which Months: All Year Statistical Basis: Thirty-day rolling average

Determine compliance with the NOx standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46bb(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)] Comply with the provisions of 40 CFR 60.48b(b), (c), (d), (e)(2), (e)(3), and (f), or monitor steam generating unit operating conditions and predict nitrogen oxides emission rates as specified in a plan submitted pursuant to 60.49b(c). Subpart Db. [40 CFR 60.48b(g)] Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)] Submit the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility to DEQ. Subpart Db. [40 CFR 60.49b(b)]

Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]

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AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0007 86-02 - Package Boiler No. 4

155 [40 CFR 60.49b(d)]

Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

156 [40 CFR 60.49b(g)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency, except as provided in 40 CFR 60.49b(p). Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]

157 [40 CFR 60.49b(h)]

Submit excess emissions report. Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]
Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the calendar date, the number of hours of operation, and the hourly steam load for each steam generating unit operating day. Subpart Db. [40 CFR 60.49b(p)]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

158 [40 CFR 60.49b(i)]

Which Months: All Year Statistical Basis: None specified

159 [40 CFR 60.49b(o)]

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

160 [40 CFR 60.49b(p)]

Which Months: All Year Statistical Basis: None specified
Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and establish an operating range based upon flue gas oxygen content. The emission test shall be performed at four operating conditions: 1) Normal load with high oxygen, 2) Normal load with low oxygen, 3) Maximum load with high oxygen and 4) Maximum load with low oxygen. A one hour run shall be performed at conditions 1, 2, and 4. Three one hour runs shall be performed at the maximum load, high oxygen condition. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; and 40 CFR 60, Appendix F for the continuous oxygen monitor. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.507.H.1.a].

161 [LAC 33:III.1101.B]
162 [LAC 33:III.1313.C]

Maximum nitrogen oxides emissions <= 21.70 lbs/hr - PSD-LA-695.
Maximum nitrogen oxides emissions <= 95.10 tons/year - PSD-LA-695.

163 [LAC 33:III.509]

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AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

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EQT0007 86-02 - Package Boiler No. 4

166 [LAC 33:III.509]

The permittee shall install a continuous oxygen monitor that meets the requirements of 40 CFR Part 60, Appendix B, Performance Specification 3(c). A range of excess air shall be established. The range shall be the oxygen content associated with NOX and CO emission rates specified in this permit, and shall be determined such that the appropriate NOX and CO limits are *not exceeded*. Frequent or excessive instances of operating parameter excursions and/or monitoring device down time may be considered as indicative of failure to properly maintain or operate the equipment, and may be considered a violation of this permit. Permittee shall follow the procedures under 40 CFR 60.13 as applicable for installation, evaluation, and operation of the Oxygen continuous monitoring system.

EQT0008 69-04 - Lime Kiln

167 [40 CFR 63.862(a)(1)(ii)]

Establish PM emissions limits by complying with 40 CFR 63.862(a)(1)(ii)(A) through (a)(1)(ii)(D). Subpart MM. [40 CFR 63.862(a)(1)(ii)]
Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM.

168 [40 CFR 63.865]

Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified
Differential Pressure and Scrubber Liquid Flow rate monitored by technically sound method continuously. [LAC 33:III.1101, LAC 33:III.1311]

Which Months: All Year Statistical Basis: Instantaneous determination
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

Total suspended particulate <= 1.0 lb/equivalent pulp ton (0.5 kg/equivalent pulp metric ton).

Which Months: All Year Statistical Basis: Twelve-hour average
Do not exceed the limits set forth in LAC 33:III.1503.C.

Total reduced sulfur <= 20 ppm.

Which Months: All Year Statistical Basis: Twelve-hour average
Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or

within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 5 - Determination of Particulate Matter Emissions from Stationary Sources; Method 6 - Determination of sulfur dioxide emissions from stationary sources; and Method 16A - Determination of total reduced sulfur emissions from stationary sources (impinger technique). Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits

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AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
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EQT0008 69-04 - Lime Kiln

- 177 [LAC 33:III.507.H.1.a]
178 [LAC 33:III.5109.A]

Lime Mud Feed rate monitored by technically sound method daily.
Which Months: All Year Statistical Basis: Instantaneous determination
Shall comply with all applicable provisions 40 CFR 63 Subpart MM - Determined as MACT.

EQT0014 87-02 - New Recovery Dissolving Tank

- 179 [40 CFR 63.862(a)(1)(ii)]
180 [40 CFR 63.865]

Establish PM emissions limits by complying with 40 CFR 63.862(a)(1)(ii)(A) through (a)(1)(ii)(D). Subpart MM. [40 CFR 63.862(a)(1)(ii)]
Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM.

Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM.
Differential Pressure and Scrubber Liquid Flow rate monitored by technically sound method continuously. [LAC 33:III.1101, LAC 33:III.2301.D]

Which Months: All Year Statistical Basis: Instantaneous determination
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

Do not exceed the limits set forth in LAC 33:III.1503.C.

Total reduced sulfur <= 0.016 g/kg of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III.2301.D.1.b by a scrubbing device employing fresh water as the scrubbing medium make up will be accepted as evidence of adequate TRS control.

Which Months: All Year Statistical Basis: Twelve-hour average
Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301.

Provide the highest and best practicable treatment and control currently available, in order to maintain the lowest possible emission of air contaminants.

Shall comply with all applicable provisions of 40 CFR 63 Subpart MM - Determined as MACT.

EQT0047 96-19 - Gasoline Tank, SW Construction

- 186 [LAC 33:III.2301.D.3.i]
187 [LAC 33:III.2301.D]
188 [LAC 33:III.5109.A]

Equip with a submerged fill pipe.

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0049 99-01 - Bleach Plant Scrubber

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
Activity Number: PER20060007
Permit Number: 0320-0002-V1
Air - Title V Regular Permit Major Mod

EQT0049 99-01 - Bleach Plant Scrubber

- 192 [40 CFR 63.445(b)] Enclose and vent the equipment into a closed-vent system and route the equipment to a control device that meets the requirements specified in 40 CFR 63.445(c), at each bleaching stage of the bleaching systems listed in 40 CFR 63.445(a) where chlorinated compounds are introduced. Subpart S. [40 CFR 63.445(b)]
- 193 [40 CFR 63.445(d)(1)] Comply with the applicable effluent limitation guidelines and standards specified in 40 CFR part 430, as listed in 40 CFR 63.445(d)(1)(i) through (d)(1)(iv), to reduce chloroform air emissions to the atmosphere. Subpart S. [40 CFR 63.445(d)(1)]
- 194 [40 CFR 63.453(e)] Hypochlorite and Chlorine monitored by CMS continuously. Monitor the hypochlorite and chlorine application rates, in kg of bleaching agent per megagram of ODP, of the bleaching system during the extended compliance period specified in 40 CFR 63.440(d)(3). Subpart S. [40 CFR 63.453(e)]
- 195 [40 CFR 63.453(e)] Which Months: All Year Statistical Basis: None specified Hypochlorite and Chlorine recordkeeping by recorder continuously. Record the hypochlorite and chlorine application rates, in kg of bleaching agent per megagram of ODP, of the bleaching system during the extended compliance period specified in 40 CFR 63.440(d)(3). Subpart S. [40 CFR 63.453(e)]
- 196 [40 CFR 63.454(c)] Chlorine recordkeeping by electronic or hard copy daily. Record the daily average chlorine and hypochlorite application rates, in kg of bleaching agent per megagram of ODP, of the bleaching system until the requirements specified in 40 CFR 63.440(d)(3)(ii)(A) are met. Subpart S. [40 CFR 63.454(c)]
- 197 [40 CFR 63.455(b)] Submit report. Due every two years, a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Subpart S. [40 CFR 63.455(b)]
- 198 [40 CFR 63.455(c)] Certify in the report specified under 40 CFR 63.10(e)(3) that the daily application rates of chlorine and hypochlorite for the bleaching system have not increased as specified in 40 CFR 63.440(d)(3)(ii)(B) until the requirements of 40 CFR 63.440(d)(3)(ii)(A) are met. Subpart S. [40 CFR 63.455(c)]
- 199 [LAC 33:III.5109.A] Shall comply with all applicable provisions of 40 CFR 63 Subpart S - Determined as MACT.

EQT0050 99-04 - Methanol Storage Tank

Equip with a submerged fill pipe.

- 200 [LAC 33:III.2103.A] Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0054 96-01 - Linerboard Brownstock Washers System

- 203 [40 CFR 63.446(d)(1)] Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(iii). Subpart S. [40 CFR 63.446(d)(1)]
- Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and routed to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)]

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0054 96-01 - Linerboard Brownstock Washers System

205 [40 CFR 63.446(d)(2)(i)]

Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)]

Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]

Treat the pulping process condensates to remove 5.1 kilograms or more of total HAP per megagram (10.2 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(e)(5)]

Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]

Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(i), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)]

Submit report: Due every two years, a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Subpart S. [40 CFR 63.455(b)]

Shall comply with all applicable provisions of 40 CFR 63. Subpart S - Determined as MACT.

EQT0055 96-04 - SBK Washers System

212 [40 CFR 63.446(d)(1)]

Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(iii). Subpart S. [40 CFR 63.446(d)(1)]

Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and routed to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)]

Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)]

Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]

Treat the pulping process condensates to remove 5.1 kilograms or more of total HAP per megagram (10.2 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(e)(5)]

Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]

Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(i), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)]

Submit report: Due every two years, a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Subpart S. [40 CFR 63.455(b)]

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill
Activity Number: PER20060007
Permit Number: 0320-00002-V1
Air - Title V Regular Permit Major Mod

EQT0055 96-04 - SBK Washers System

220 [LAC 33:III.5109.A]

Shall comply with all applicable provisions of 40 CFR 63 Subpart S - Determined as MACT.

EQT0063 02-04 - Gasoline Tank

221 [LAC 33:III.2103.A]

222 [LAC 33:III.2103.H.3]

223 [LAC 33:III.2103.J]

Equip with a submerged fill pipe.

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0069 LVHC Vents

224 [40 CFR 63.443(c)]

Equip with a submerged fill pipe.

225 [40 CFR 63.446(d)(1)]

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

226 [40 CFR 63.446(d)(2)(i)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

Enclose any equipment system listed in 40 CFR 63.443(a) or (b), vent into a closed-vent system, and route to a control device that meets the requirements specified in 40 CFR 63.443(d). Subpart S. [40 CFR 63.443(c)]

Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(iii). Subpart S. [40 CFR 63.446(d)(1)]

Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and routed to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)]

Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)]

Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]

Treat the pulping process condensates to remove 5.1 kilograms or more of total HAP per megagram (10.2 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(e)(5)]

Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]

Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(i), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)]

Submit report: Due every two years, a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Subpart S. [40 CFR 63.455(b)]

Do not exceed the limits set forth in LAC 33:III.1503.C.
Total reduced sulfur <= 5 ppm.

Which Months: All Year Statistical Basis: Twelve-hour average

Provide the highest and best practicable treatment and control currently available, in order to maintain the lowest possible emission of air contaminants.

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0069 LVHC Vents

236 [LAC 33:III.5109.A]

Shall comply with all applicable provisions of 40 CFR 63 Subpart S - Determined as MACT.

EQT0070 HVLC Vents

237 [40 CFR 63.443(c)]

238 [40 CFR 63.446(d)(1)]

239 [40 CFR 63.446(d)(2)(i)]

240 [40 CFR 63.446(d)(2)(ii)]

241 [40 CFR 63.446(d)]

242 [40 CFR 63.446(e)(5)]

243 [40 CFR 63.446(f)]

244 [40 CFR 63.446(h)]

245 [40 CFR 63.455(b)]

246 [LAC 33:III.2301.D.2]

247 [LAC 33:III.2301.D.3.b]

248 [LAC 33:III.2301.D]

249 [LAC 33:III.5109.A]

Enclose any equipment system listed in 40 CFR 63.443(a) or (b), vent into a closed-vent system, and route to a control device that meets the requirements specified in 40 CFR 63.443(d). Subpart S. [40 CFR 63.443(c)] Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(ii). Subpart S. [40 CFR 63.446(d)(1)] Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and routed to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)]

Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)]

Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]

Treat the pulping process condensates to remove 5.1 kilograms or more of total HAP per megagram (10.2 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(d)(5)]

Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]

Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(j), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)]

Submit report: Due every two years, a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Subpart S. [40 CFR 63.455(b)]

Do not exceed the limits set forth in LAC 33:III.1503.C.

Total reduced sulfur <= 5 ppm.

Which Months: All Year Statistical Basis: Twelve-hour average

Provide the highest and best practicable treatment and control currently available, in order to maintain the lowest possible emission of air contaminants.

Shall comply with all applicable provisions of 40 CFR 63 Subpart S - Determined as MACT.

EQT0071 PC - Pulping Condensate

250 [40 CFR 63.443(c)]

Enclose any equipment system listed in 40 CFR 63.443(a) or (b), vent into a closed-vent system, and route to a control device that meets the requirements specified in 40 CFR 63.443(d). Subpart S. [40 CFR 63.443(c)]

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

EQT0071 PC - Pulping Condensate

- 251 [40 CFR 63.446(d)(1)] Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(i). Subpart S. [40 CFR 63.446(d)(1)]
- Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and routed to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)]

Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)]

Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]

Treat the pulping process condensates to remove 5.1 kilograms or more of total HAP per megagram (10.2 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(e)(5)]

Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]

Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(i), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)]

Submit report: Due every two years, a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Subpart S. [40 CFR 63.455(b)]

Shall comply with all applicable provisions of 40 CFR 63 Subpart S - Determined as MACT.

FUG0001 96-05 - Wastewater Fugitives

- Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(i). Subpart S. [40 CFR 63.446(d)(1)]
- Condensate tank: Ensure that the fixed roof and all openings (e.g., access hatches, sampling ports, gauge wells) are designed and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million above background, and vented into a closed-vent system that meets the requirements in 40 CFR 63.450 and routed to a control device that meets the requirements in 40 CFR 63.443(d). Subpart S. [40 CFR 63.446(d)(2)(i)]
- Condensate tank: Maintain each opening in a closed, sealed position (e.g., covered by a lid that is gasketed and latched) at all times that the tank contains pulping process condensates or any HAP removed from a pulping process condensate stream except when it is necessary to use the opening for sampling, removal, or for equipment inspection, maintenance, or repair. Subpart S. [40 CFR 63.446(d)(2)(ii)]

Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]

Treat the pulping process condensates to remove 5.1 kilograms or more of total HAP per megagram (10.2 pounds per ton) of ODP. Subpart S. [40 CFR 63.446(e)(5)]

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

FUG0001 96-05 - Wastewater Fugitives

- 265 [40 CFR 63.446(f)] Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]
Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(i), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)]
Submit report. Due every two years, a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Subpart S. [40 CFR 63.455(b)]
Shall comply with all applicable provisions of 40 CFR 63 Subpart S - Determined as MACT.

UNF0001 DeRidder Mill

- 269 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in 40 CFR 63 Subparts S and MM.
Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
Outdoor burning of waste material or other combustible material is prohibited.
Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.211.3.A.1-5.
Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
Any major source as defined in LAC 33:III.502 is designated a Part 70 source and is required to obtain a permit which will meet the requirements of LAC 33:III.507.
Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration.
No major stationary source or major modification to which the requirements of this Part apply shall begin actual construction without a permit issued under this Section.

SPECIFIC REQUIREMENTS

AI ID: 19933 - Bolse Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

UNF0001 DeRidder Mill

A major stationary source or major modification shall meet each applicable emissions limitation under the Louisiana State Implementation Plan and each applicable emissions standard and standard of performance under the Louisiana New Source Performance Standards (LNSPS) and Louisiana Emission Standards for Hazardous Air Pollutants (LESHAP) and Sections 111 and 112 of the Clean Air Act. Comply with the requirements of PSD-LA-77(M3). This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-77(M3).

Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III Chapter 51. Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III Chapter 51. Subchapter A, after the effective date of the standard.

Do not cause a violation of any ambient air standard listed in LAC 33:III Table 51.2, unless operating in accordance with LAC 33:III.5109.B.

Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.

Do not fail to keep records, notify, report or revise reports as required under LAC 33:III Chapter 51 Subchapter A.

Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.

Submit Annual Emissions Report (TED): Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.

Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).

Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.

Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931. Submit notification in the manner provided in LAC 33:III.3923.

Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.i through B.4.a.viii.

Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

UNF0001 DeRidder Mill

294 [LAC 33:III.5109.C]

Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by DEQ.

Submit notification in writing: Due to SPOC not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.

Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.

Submit permit application: Due prior to commencement of construction, reconstruction, or modification of the source, for new or modified sources. Do not commence construction, reconstruction, or modification of any source required to be permitted under LAC 33:III.Chapter 5 prior to approval by the permitting authority.

Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete.

Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit.

Submit applications for permits in accordance with forms and guidance provided by the DEQ. At a minimum, each permit application submitted under LAC 33:III Chapter 5 shall contain the information specified in LAC 33:III.517.D, subparagraphs 1-18.

In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8.

Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.

Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.

Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.

Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.

Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.

Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.

Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.

Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division.

SPECIFIC REQUIREMENTS

AI ID: 19933 - Boise Packaging & Newsprint LLC - DeRidder Paper Mill

Activity Number: PER20060007

Permit Number: 0320-00002-V1

Air - Title V Regular Permit Major Mod

UNF0001 DeRidder Mill

309 [LAC 33:III.5911.C]

310 [LAC 33:III.919.D]

Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate.

Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

Dan Nguyen

From: Raghu Soule [rsoule@trinityconsultants.com]
Sent: Wednesday, February 20, 2008 10:54 AM
To: Dan Nguyen
Cc: blainebutaud@boisepaper.com; susanwedemeyer@boisepaper.com
Subject: Boise DeRidder #2PB Permits
Attachments: Technical worksheet - Draft Permit Comments2_01252008.doc

Dan,

Boise has decided to request the DEQ to finalize the #2PB Title V and PSD permits and send out for public comment. We appreciate your recommendation of consolidating the #2PB permit into the upcoming permit renewal but since we have come very close to permit issuance and also because the mill is currently operating the boiler under the ATC/ATO, we would like to request the DEQ to finalize this permit.

Thanks and please let us know if you have any questions.

Raghu Soule

— Forwarded by Raghu Soule/Trinity Consultants on 02/20/2008 10:49 AM —

Raghu Soule/Trinity Consultants

To Dan Nguyen

02/04/2008 12:44 PM

cc blainebutaud@boisepaper.com, susanwedemeyer@boisepaper.com

Subject #2 PB Draft Permit Comments

Dan,

We're following-up on the meeting we had recently to discuss comments on the #2PB draft permit for the DeRidder mill.

Please find the # 2 PB Draft permit's technical worksheet attached to this email. Based on our discussions at the meeting and phone conversations in the following couple of weeks we are submitting the final version of our comments on the current working draft permit. In addition, please note the following -

- We are accepting your response to our initial comments on the average emission changes for certain sources that needed to be made. The average emission totals that you provided in the current version of the working draft are being accepted as final.
- Based on the phone conversations, we request you to re-list the Acetaldehyde emissions in the draft permit (since we have confirmed that acetaldehyde was not de-listed during the Dec. 20, 2007 revisions to Chapter 51).

Please let us know if you have any questions or comments.

Thanks
Raghu

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or